FEDEX: 775501296937

January 26, 2016

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

RE: Fourth Quarter 2015 Groundwater Monitoring Report
Southside Oil Facility #20025
31 Heather Lane
Perryville, Cecil County, Maryland
MDE Case No. 2006-0489-CE

Dear Ms. DeBartolomeo:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), is pleased to submit the Groundwater Monitoring Report (GMR) for activities performed during the Fourth Quarter of 2015.

Please contact the undersigned if you have questions regarding the information contained herein.

Sincerely,

KLEINFELDER

Paxton Wertz
Geologist

Mark C. Steele
Senior Program Manager

Enclosure

cc: Ms. Devon Watts – Sunoco Inc. (ENFOS)

FOURTH QUARTER 2015
GROUNDWATER MONITORING REPORT

Southside 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. Jeannette DeBartolomeo
Current Case Status:	Quarterly groundwater and potable well sampling, and reporting
Reporting Period:	October 1 through December 31, 2015
Last Report:	Third Quarter Groundwater Monitoring Report, October 28, 2015

GENERAL SITE INFORMATION

Southside Oil Contact:	Ms. Devon Watts
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-12 through 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 21, 2015 – Groundwater Gauging/Sampling

Wells Gauged and Sampled:	MW-1 through MW-9, MW-10D, MW-12, MW-13, MW-14, BR-1, TF-1, TF-2, and TF-3
Liquid Phase Hydrocarbon:	None detected
Min./Max. Depth to Water (Monitoring Wells):	19.53 feet (MW-5) / 36.96 feet (MW-13)
Min./Max. Depth to Water (Tank Field):	<1.00 feet (TF-3) / 2.31 feet (TF-1)
Hydraulic Gradient:	0.066 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 21, 2015 per the MDE approved sampling schedule. The samples were submitted to Lancaster Laboratories for analysis of full list volatile organic compounds (VOCs), ethanol and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B and 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 Lancaster Laboratories Analysis Report is included within **Appendix A**.

December 21, 2015– Potable Well Sampling

Per the MDE's Site Status Letter dated July 30, 2013, the potable wells at 1825 Perryville Road and 1836 Perryville Road were sampled on December 21, 2015. The water samples were submitted under chain of custody protocol to Lancaster Laboratories for analysis of full list VOCs and fuel oxygenates using EPA Method 524.2. A local area map showing the locations of potable wells is included as **Figure 1**. The results of the potable well sampling are summarized in **Table 2**. The Lancaster Laboratories Analysis Reports for potable well sampling activities are included as **Appendix B**.

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Methyl tertiary butyl ether (MTBE) was detected at concentrations of 3.9 micrograms per liter (µg/L) and, 8.7 µg/L in the 1836 Perryville Road, and 1825 Perryville Road potable well samples, respectively. Stable to decreasing MTBE trends are observed in both potable wells and the MTBE concentrations in the samples collected from the potable well at 1825 Perryville Road have been below the MDE action level of 20 µg/L since March 2012, and at or below the MDE trigger level of 10 µg/L since March 2015.

ACTIVITIES PLANNED FOR NEXT PERIOD (FIRST QUARTER 2016)

Activities planned for the First Quarter 2016 include one round of groundwater gauging and sampling of select monitoring wells and tank field wells, and sampling of the potable wells at 1825 Perryville Road and 1836 Perryville Road.

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.

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FIGURES

1 Local Area Map with Potable Well Sample Locations
2 Hydrocarbon Distribution/Groundwater Contour Map (December 21, 2015)

TABLES

1 Groundwater Monitoring & Analytical Data
2 Potable Well Sampling Analytical Data

APPENDICES

A Lancaster Laboratories Analysis Report: Monitoring Wells (December 21, 2015)

B Lancaster Laboratories Analysis Reports: Potable Wells (December 21, 2015)

Sincerely,

KLEINFELDER

Paxton Wertz
Geologist

Mark Steele
Senior Program Manager

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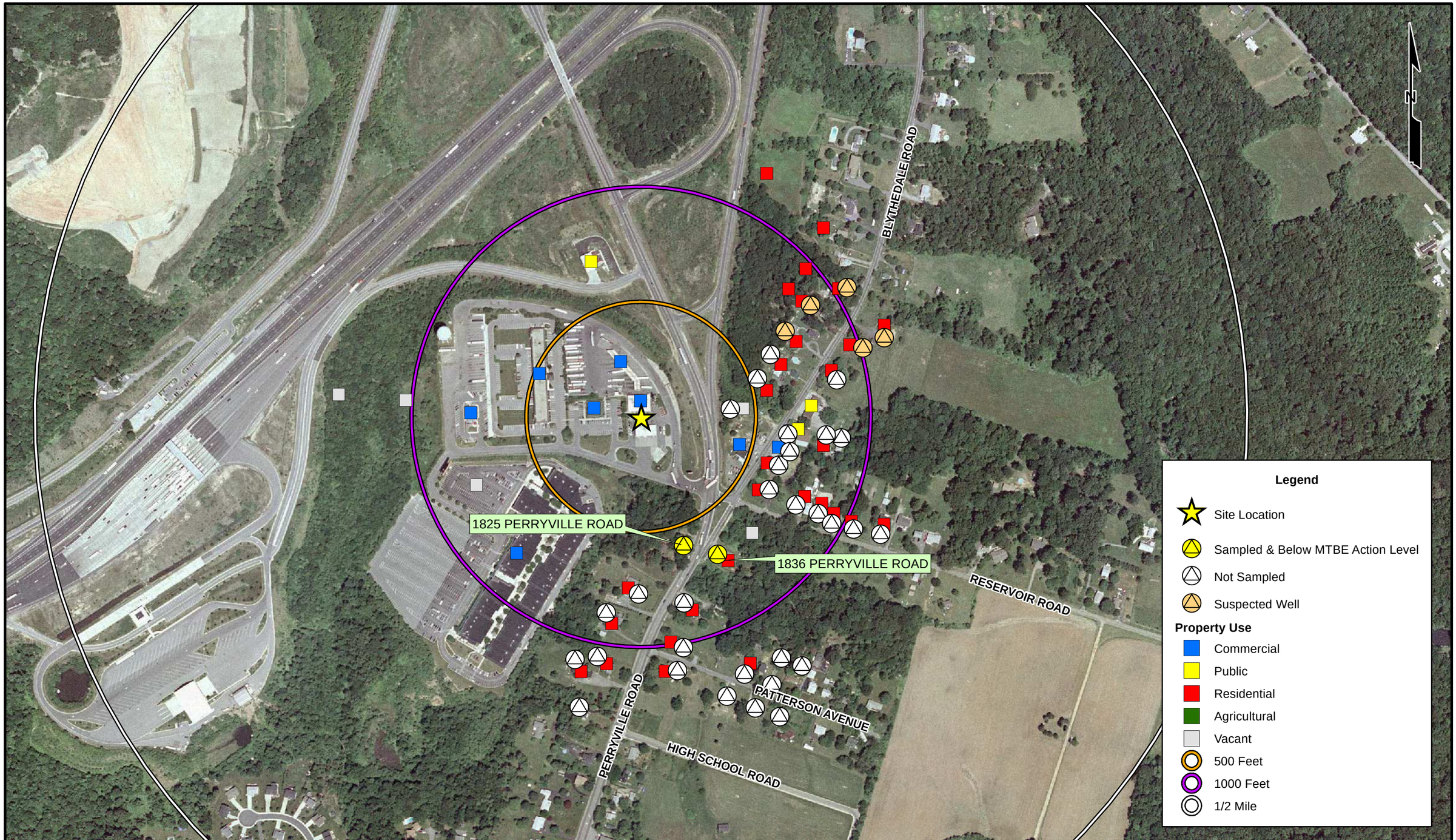
FIGURES



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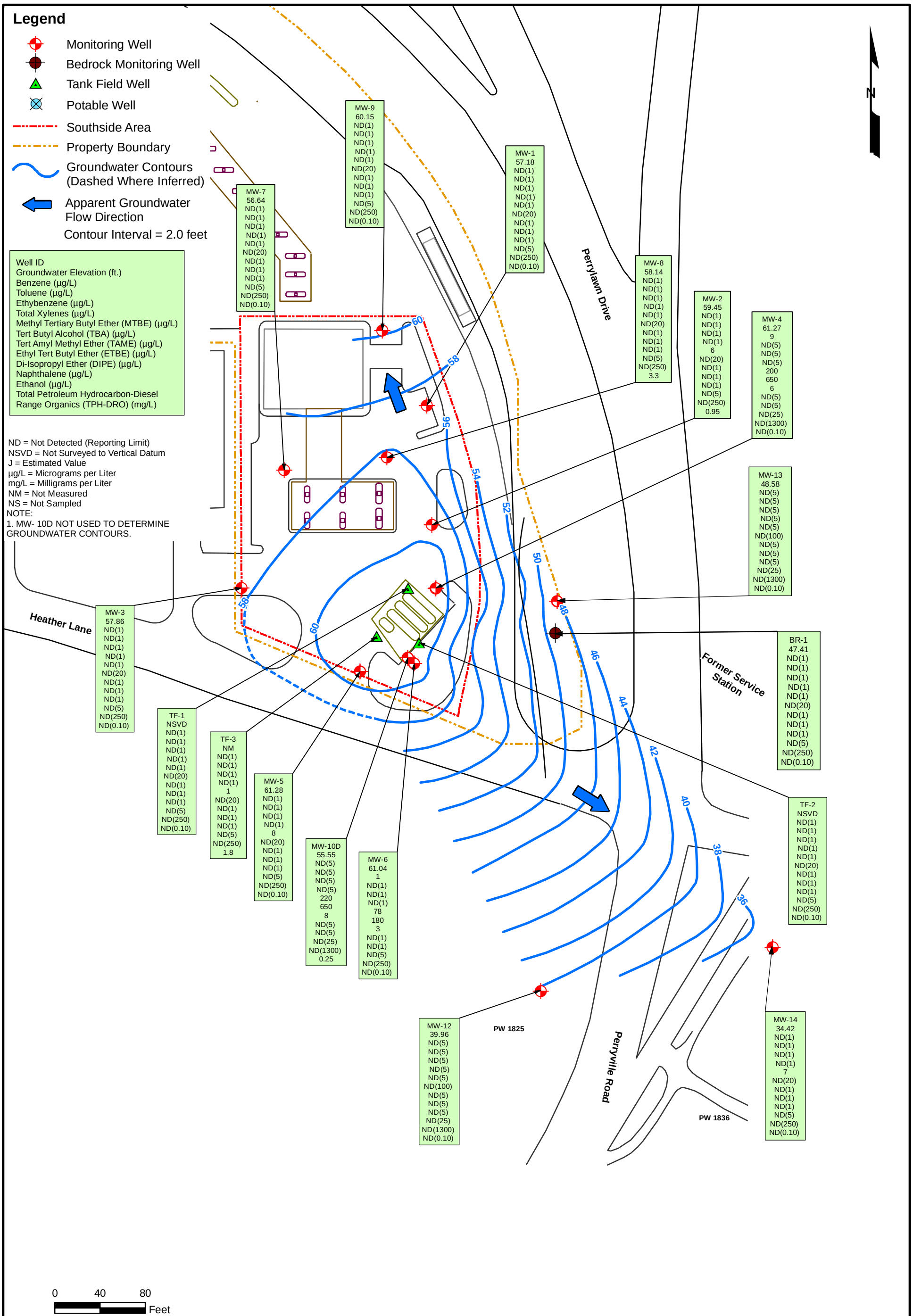
PROJECT NO.	113847
DRAWN:	1/27/14
DRAWN BY:	JR
CHECKED BY:	PW
FILE NAME:	20025 LAM_PW SAMPLE LOC.mxd

LOCAL AREA MAP WITH POTABLE WELL SAMPLE LOCATIONS

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

FIGURE

1



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PROJECT NO.	113847
DRAWN:	1/8/16
DRAWN BY:	JR
CHECKED BY:	EM
FILE NAME:	20025 HD MAP.mxd

HYDROCARBON DISTRIBUTION/ GROUNDWATER CONTOUR MAP DECEMBER 21, 2015

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

FIGURE
2

TABLES

Table 1

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

Kleinfelder
1340 Charwood Road, Suite I , Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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)	
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)	

Kleinfelder
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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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 21, 2015

		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)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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 21, 2015

		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)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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	NM	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 21, 2015

		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)	
803 Perryville Roa	8/29/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
1812 Perryville Rd	8/29/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
1825 Perryville Rd	10/5/2010	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
1825 Perryville Pl	7/7/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/27/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/5/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	15	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	13	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/30/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	15	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/12/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	12	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/18/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	11	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	10	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	10	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	8/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	9.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	8.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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
1825 Perryville PM	7/7/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/27/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/5/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/30/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/12/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/18/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	8/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
1825 Perryville PE	7/7/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/27/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/5/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/30/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/12/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/18/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	8/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

		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
1836 Perryville Rd	4/14/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	6.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	7/7/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	6.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	6.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/28/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	6.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/5/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/14/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/20/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.6	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/21/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	8/29/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/12/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/20/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	3.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/30/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/22/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/18/2014	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	4.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	3/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	6/24/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	5.6	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	8/31/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	4.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	12/21/2015	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	3.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
7 Patterson Ave	4/14/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	
	9/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	NA	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 21, 2015

Notes:

* - The results of samples collected from BR-1, MW-12, MW-13, TF-1, and TF-2 on 9/22/2104 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

Kleinfelder
1340 Charwood Road, Suite I , Hanover, MD

Table 2

Potable Well Point of Entry Treatment (POET) Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 21, 2015

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 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)	
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)	

Kleinfelder
1340 Charwood Road, Suite I , Hanover, MD

Table 2 (Continued)

Potable Well Point of Entry Treatment (POET) Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 21, 2015

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)	
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)	

Table 2 (Continued)

Potable Well Point of Entry Treatment (POET) Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 21, 2015

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)	
7 Patterson Ave	4/14/2011	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)	
	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)	

Table 2 (Continued)

Potable Well Point of Entry Treatment (POET) Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 21, 2015

Notes:

µg/L - micrograms per liter (µg/L)
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
DIPE - Di-Isopropyl Ether
ETBE - Ethyl Tertiary Butyl Ether
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

Lancaster Laboratories Analysis Report – Monitoring Wells (December 21, 2015)

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

January 09, 2016

Project: Southside Oil 20025

Submittal Date: 12/22/2015
Group Number: 1619760
PO Number: 51141-305139
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-1 Grab Water	8187814
MW-2 Grab Water	8187815
MW-3 Grab Water	8187816
MW-4 Grab Water	8187817
MW-5 Grab Water	8187818
MW-6 Grab Water	8187819
MW-7 Grab Water	8187820
MW-8 Grab Water	8187821
MW-9 Grab Water	8187822
TF-1 Grab Water	8187823
TF-2 Grab Water	8187824
TF-3 Grab Water	8187825
MW-10D Grab Water	8187826
MW-12 Grab Water	8187827
MW-13 Grab Water	8187828
MW-14 Grab Water	8187829
BR-1 Grab Water	8187830

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Kleinfelder	Attn: Paxton Wertz
ELECTRONIC COPY TO	Kleinfelder	Attn: Jennifer Kozak

ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: MW-1 Grab Water
Southside Oil 20025

LL Sample # WW 8187814
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 08:15 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-1 Grab Water
Southside Oil 20025

LL Sample # WW 8187814
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 08:15 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	12/31/2015 22:40	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	12/31/2015 22:40	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	153580008A	12/28/2015 18:52	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	153580008A	12/27/2015 22:00	David V Hershey Jr	1

Sample Description: MW-2 Grab Water
Southside Oil 20025

LL Sample # WW 8187815
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:10 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**6**	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-2 Grab Water
Southside Oil 20025

LL Sample # WW 8187815
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:10 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	**DRO C10-C28**	n.a.	**0.95**	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	12/31/2015 23:03	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	12/31/2015 23:03	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	153580008A	12/28/2015 19:15	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	153580008A	12/27/2015 22:00	David V Hershey Jr	1

Sample Description: MW-3 Grab Water
Southside Oil 20025

LL Sample # WW 8187816
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 10:20 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-3

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-3 Grab Water
Southside Oil 20025

LL Sample # WW 8187816
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 10:20 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-3

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	12/31/2015 23:27	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	12/31/2015 23:27	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 14:54	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: MW-4 Grab Water
Southside Oil 20025

LL Sample # WW 8187817
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:50 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-4

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 100	100	5
10335	Acrolein	107-02-8	< 500	500	5
10335	Acrylonitrile	107-13-1	< 100	100	5
10335	**t-Amyl methyl ether**	994-05-8	**6**	5	5
10335	**Benzene**	71-43-2	**9**	5	5
10335	Bromodichloromethane	75-27-4	< 5	5	5
10335	Bromoform	75-25-2	< 20	20	5
10335	Bromomethane	74-83-9	< 5	5	5
10335	2-Butanone	78-93-3	< 50	50	5
10335	**t-Butyl alcohol**	75-65-0	**650**	100	5
10335	n-Butylbenzene	104-51-8	< 25	25	5
10335	sec-Butylbenzene	135-98-8	< 25	25	5
10335	Carbon Tetrachloride	56-23-5	< 5	5	5
10335	Chlorobenzene	108-90-7	< 5	5	5
10335	Chloroethane	75-00-3	< 5	5	5
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 50	50	5
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 5	5	5
10335	Chloromethane	74-87-3	< 5	5	5
10335	Dibromochloromethane	124-48-1	< 5	5	5
10335	1,2-Dichlorobenzene	95-50-1	< 25	25	5
10335	1,3-Dichlorobenzene	541-73-1	< 25	25	5
10335	1,4-Dichlorobenzene	106-46-7	< 25	25	5
10335	1,1-Dichloroethane	75-34-3	< 5	5	5
10335	1,2-Dichloroethane	107-06-2	< 5	5	5
10335	1,1-Dichloroethene	75-35-4	< 5	5	5
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	5
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	5
10335	1,2-Dichloropropane	78-87-5	< 5	5	5
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	5
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	5
10335	Ethanol	64-17-5	< 1,300	1,300	5
10335	Ethyl t-butyl ether	637-92-3	< 5	5	5
10335	Ethylbenzene	100-41-4	< 5	5	5
10335	di-Isopropyl ether	108-20-3	< 5	5	5
10335	Isopropylbenzene	98-82-8	< 25	25	5
10335	p-Isopropyltoluene	99-87-6	< 25	25	5
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**200**	5	5
10335	Methylene Chloride	75-09-2	< 20	20	5
10335	Naphthalene	91-20-3	< 25	25	5
10335	n-Propylbenzene	103-65-1	< 25	25	5
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	5
10335	Tetrachloroethene	127-18-4	< 5	5	5
10335	Toluene	108-88-3	< 5	5	5
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	5
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	5
10335	Trichloroethene	79-01-6	< 5	5	5
10335	Trichlorofluoromethane	75-69-4	< 5	5	5

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Analysis Report

Sample Description: MW-4 Grab Water
Southside Oil 20025

LL Sample # WW 8187817
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:50 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-4

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,2,4-Trimethylbenzene	95-63-6	< 25	25	5
10335	1,3,5-Trimethylbenzene	108-67-8	< 25	25	5
10335	Vinyl Chloride	75-01-4	< 5	5	5
10335	Xylene (Total)	1330-20-7	< 5	5	5
Reporting limits were raised due to interference from the sample matrix.					
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 03:21	Caitlin M Carmody	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 03:21	Caitlin M Carmody	5
12858	TPH-DRO water C10-C28	SW-846 8015B	1	153580008A	12/28/2015 20:02	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	153580008A	12/27/2015 22:00	David V Hershey Jr	1

Sample Description: MW-5 Grab Water
Southside Oil 20025

LL Sample # WW 8187818
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:25 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-5

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**8**	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-5 Grab Water
Southside Oil 20025

LL Sample # WW 8187818
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:25 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-5

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	12/31/2015 23:51	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	12/31/2015 23:51	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	153580008A	12/28/2015 20:26	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	153580008A	12/27/2015 22:00	David V Hershey Jr	1

Sample Description: MW-6 Grab Water
Southside Oil 20025

LL Sample # WW 8187819
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:30 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-6

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	**t-Amyl methyl ether**	994-05-8	**3**	1	1
10335	**Benzene**	71-43-2	**1**	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	**t-Butyl alcohol**	75-65-0	**180**	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**78**	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1

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Analysis Report

Sample Description: MW-6 Grab Water
Southside Oil 20025

LL Sample # WW 8187819
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:30 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-6

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 00:14	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 00:14	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	153580008A	12/28/2015 20:49	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	153580008A	12/27/2015 22:00	David V Hershey Jr	1

Sample Description: MW-7 Grab Water
Southside Oil 20025

LL Sample # WW 8187820
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 08:40 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-7

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-7 Grab Water
Southside Oil 20025

LL Sample # WW 8187820
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 08:40 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-7

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 01:01	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 01:01	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	153580008A	12/28/2015 21:13	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	153580008A	12/27/2015 22:00	David V Hershey Jr	1

Sample Description: MW-8 Grab Water
Southside Oil 20025

LL Sample # WW 8187821
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:50 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-8

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-8 Grab Water
Southside Oil 20025

LL Sample # WW 8187821
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:50 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-8

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	**DRO C10-C28**	n.a.	**3.3**	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 01:24	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 01:24	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 15:17	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	2	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: MW-9 Grab Water
Southside Oil 20025

LL Sample # WW 8187822
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 07:45 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-9

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-9 Grab Water
Southside Oil 20025

LL Sample # WW 8187822
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 07:45 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225-9

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 01:48	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 01:48	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 15:40	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: TF-1 Grab Water
Southside Oil 20025

LL Sample # WW 8187823
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 10:40 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225T1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: TF-1 Grab Water
Southside Oil 20025

LL Sample # WW 8187823
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 10:40 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225T1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 02:11	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 02:11	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 16:03	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: TF-2 Grab Water
Southside Oil 20025

LL Sample # WW 8187824
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:40 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225T2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

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Sample Description: TF-2 Grab Water
Southside Oil 20025

LL Sample # WW 8187824
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:40 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225T2

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 02:35	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 02:35	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 16:26	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: TF-3 Grab Water
Southside Oil 20025

LL Sample # WW 8187825
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:00 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225T3

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**1**	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: TF-3 Grab Water
Southside Oil 20025

LL Sample # WW 8187825
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:00 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225T3

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	**DRO C10-C28**	n.a.	**1.8**	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 02:58	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 02:58	Caitlin M Carmody	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 16:49	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: MW-10D Grab Water
Southside Oil 20025

LL Sample # WW 8187826
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:15 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22510

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 100	100	5
10335	Acrolein	107-02-8	< 500	500	5
10335	Acrylonitrile	107-13-1	< 100	100	5
10335	**t-Amyl methyl ether**	994-05-8	**8**	5	5
10335	Benzene	71-43-2	< 5	5	5
10335	Bromodichloromethane	75-27-4	< 5	5	5
10335	Bromoform	75-25-2	< 20	20	5
10335	Bromomethane	74-83-9	< 5	5	5
10335	2-Butanone	78-93-3	< 50	50	5
10335	**t-Butyl alcohol**	75-65-0	**650**	100	5
10335	n-Butylbenzene	104-51-8	< 25	25	5
10335	sec-Butylbenzene	135-98-8	< 25	25	5
10335	Carbon Tetrachloride	56-23-5	< 5	5	5
10335	Chlorobenzene	108-90-7	< 5	5	5
10335	Chloroethane	75-00-3	< 5	5	5
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 50	50	5
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 5	5	5
10335	Chloromethane	74-87-3	< 5	5	5
10335	Dibromochloromethane	124-48-1	< 5	5	5
10335	1,2-Dichlorobenzene	95-50-1	< 25	25	5
10335	1,3-Dichlorobenzene	541-73-1	< 25	25	5
10335	1,4-Dichlorobenzene	106-46-7	< 25	25	5
10335	1,1-Dichloroethane	75-34-3	< 5	5	5
10335	1,2-Dichloroethane	107-06-2	< 5	5	5
10335	1,1-Dichloroethene	75-35-4	< 5	5	5
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	5
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	5
10335	1,2-Dichloropropane	78-87-5	< 5	5	5
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	5
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	5
10335	Ethanol	64-17-5	< 1,300	1,300	5
10335	Ethyl t-butyl ether	637-92-3	< 5	5	5
10335	Ethylbenzene	100-41-4	< 5	5	5
10335	di-Isopropyl ether	108-20-3	< 5	5	5
10335	Isopropylbenzene	98-82-8	< 25	25	5
10335	p-Isopropyltoluene	99-87-6	< 25	25	5
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**220**	5	5
10335	Methylene Chloride	75-09-2	< 20	20	5
10335	Naphthalene	91-20-3	< 25	25	5
10335	n-Propylbenzene	103-65-1	< 25	25	5
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	5
10335	Tetrachloroethene	127-18-4	< 5	5	5
10335	Toluene	108-88-3	< 5	5	5
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	5
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	5
10335	Trichloroethene	79-01-6	< 5	5	5
10335	Trichlorofluoromethane	75-69-4	< 5	5	5
10335	1,2,4-Trimethylbenzene	95-63-6	< 25	25	5

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Analysis Report

Sample Description: MW-10D Grab Water
Southside Oil 20025

LL Sample # WW 8187826
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 14:15 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22510

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,3,5-Trimethylbenzene	108-67-8	< 25	25	5
10335	Vinyl Chloride	75-01-4	< 5	5	5
10335	Xylene (Total)	1330-20-7	< 5	5	5

Reporting limits were raised due to interference from the sample matrix.

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: n-propylbenzene.

GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	**DRO C10-C28**	n.a.	**0.25**	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N160041AA	01/04/2016 16:03	Nicole S Lamoreaux	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N160041AA	01/04/2016 16:03	Nicole S Lamoreaux	5
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 17:13	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: MW-12 Grab Water
Southside Oil 20025

LL Sample # WW 8187827
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 12:25 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22512

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 100	100	5
10335	Acrolein	107-02-8	< 500	500	5
10335	Acrylonitrile	107-13-1	< 100	100	5
10335	t-Amyl methyl ether	994-05-8	< 5	5	5
10335	Benzene	71-43-2	< 5	5	5
10335	Bromodichloromethane	75-27-4	< 5	5	5
10335	Bromoform	75-25-2	< 20	20	5
10335	Bromomethane	74-83-9	< 5	5	5
10335	2-Butanone	78-93-3	< 50	50	5
10335	t-Butyl alcohol	75-65-0	< 100	100	5
10335	n-Butylbenzene	104-51-8	< 25	25	5
10335	sec-Butylbenzene	135-98-8	< 25	25	5
10335	Carbon Tetrachloride	56-23-5	< 5	5	5
10335	Chlorobenzene	108-90-7	< 5	5	5
10335	Chloroethane	75-00-3	< 5	5	5
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 50	50	5
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 5	5	5
10335	Chloromethane	74-87-3	< 5	5	5
10335	Dibromochloromethane	124-48-1	< 5	5	5
10335	1,2-Dichlorobenzene	95-50-1	< 25	25	5
10335	1,3-Dichlorobenzene	541-73-1	< 25	25	5
10335	1,4-Dichlorobenzene	106-46-7	< 25	25	5
10335	1,1-Dichloroethane	75-34-3	< 5	5	5
10335	1,2-Dichloroethane	107-06-2	< 5	5	5
10335	1,1-Dichloroethene	75-35-4	< 5	5	5
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	5
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	5
10335	1,2-Dichloropropane	78-87-5	< 5	5	5
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	5
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	5
10335	Ethanol	64-17-5	< 1,300	1,300	5
10335	Ethyl t-butyl ether	637-92-3	< 5	5	5
10335	Ethylbenzene	100-41-4	< 5	5	5
10335	di-Isopropyl ether	108-20-3	< 5	5	5
10335	Isopropylbenzene	98-82-8	< 25	25	5
10335	p-Isopropyltoluene	99-87-6	< 25	25	5
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	5
10335	Methylene Chloride	75-09-2	< 20	20	5
10335	Naphthalene	91-20-3	< 25	25	5
10335	n-Propylbenzene	103-65-1	< 25	25	5
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	5
10335	Tetrachloroethene	127-18-4	< 5	5	5
10335	Toluene	108-88-3	< 5	5	5
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	5
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	5
10335	Trichloroethene	79-01-6	< 5	5	5
10335	Trichlorofluoromethane	75-69-4	< 5	5	5
10335	1,2,4-Trimethylbenzene	95-63-6	< 25	25	5
10335	1,3,5-Trimethylbenzene	108-67-8	< 25	25	5

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Analysis Report

Sample Description: MW-12 Grab Water
Southside Oil 20025

LL Sample # WW 8187827
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 12:25 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22512

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	5
10335	Xylene (Total)	1330-20-7	< 5	5	5
Reporting limits were raised due to interference from the sample matrix.					
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N153652AA	01/01/2016 04:08	Caitlin M Carmody	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N153652AA	01/01/2016 04:08	Caitlin M Carmody	5
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 17:36	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: MW-13 Grab Water
Southside Oil 20025

LL Sample # WW 8187828
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 11:50 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22513

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 100	100	5
10335	Acrolein	107-02-8	< 500	500	5
10335	Acrylonitrile	107-13-1	< 100	100	5
10335	t-Amyl methyl ether	994-05-8	< 5	5	5
10335	Benzene	71-43-2	< 5	5	5
10335	Bromodichloromethane	75-27-4	< 5	5	5
10335	Bromoform	75-25-2	< 20	20	5
10335	Bromomethane	74-83-9	< 5	5	5
10335	2-Butanone	78-93-3	< 50	50	5
10335	t-Butyl alcohol	75-65-0	< 100	100	5
10335	n-Butylbenzene	104-51-8	< 25	25	5
10335	sec-Butylbenzene	135-98-8	< 25	25	5
10335	Carbon Tetrachloride	56-23-5	< 5	5	5
10335	Chlorobenzene	108-90-7	< 5	5	5
10335	Chloroethane	75-00-3	< 5	5	5
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 50	50	5
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 5	5	5
10335	Chloromethane	74-87-3	< 5	5	5
10335	Dibromochloromethane	124-48-1	< 5	5	5
10335	1,2-Dichlorobenzene	95-50-1	< 25	25	5
10335	1,3-Dichlorobenzene	541-73-1	< 25	25	5
10335	1,4-Dichlorobenzene	106-46-7	< 25	25	5
10335	1,1-Dichloroethane	75-34-3	< 5	5	5
10335	1,2-Dichloroethane	107-06-2	< 5	5	5
10335	1,1-Dichloroethene	75-35-4	< 5	5	5
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	5
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	5
10335	1,2-Dichloropropane	78-87-5	< 5	5	5
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	5
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	5
10335	Ethanol	64-17-5	< 1,300	1,300	5
10335	Ethyl t-butyl ether	637-92-3	< 5	5	5
10335	Ethylbenzene	100-41-4	< 5	5	5
10335	di-Isopropyl ether	108-20-3	< 5	5	5
10335	Isopropylbenzene	98-82-8	< 25	25	5
10335	p-Isopropyltoluene	99-87-6	< 25	25	5
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	5
10335	Methylene Chloride	75-09-2	< 20	20	5
10335	Naphthalene	91-20-3	< 25	25	5
10335	n-Propylbenzene	103-65-1	< 25	25	5
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	5
10335	Tetrachloroethene	127-18-4	< 5	5	5
10335	Toluene	108-88-3	< 5	5	5
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	5
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	5
10335	Trichloroethene	79-01-6	< 5	5	5
10335	Trichlorofluoromethane	75-69-4	< 5	5	5
10335	1,2,4-Trimethylbenzene	95-63-6	< 25	25	5
10335	1,3,5-Trimethylbenzene	108-67-8	< 25	25	5

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Analysis Report

Sample Description: MW-13 Grab Water
Southside Oil 20025

LL Sample # WW 8187828
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 11:50 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22513

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	5
10335	Xylene (Total)	1330-20-7	< 5	5	5

Reporting limits were raised due to limited sample volume.

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: n-propylbenzene.

GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N160041AA	01/04/2016 16:26	Nicole S Lamoreaux	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N160041AA	01/04/2016 16:26	Nicole S Lamoreaux	5
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 17:59	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: MW-14 Grab Water
Southside Oil 20025

LL Sample # WW 8187829
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:00 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22514

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**7**	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-14 Grab Water
Southside Oil 20025

LL Sample # WW 8187829
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 13:00 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

22514

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: n-propylbenzene.					
GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N160041AA	01/04/2016 21:55	Nicole S Lamoreaux	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N160041AA	01/04/2016 21:55	Nicole S Lamoreaux	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 18:22	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Sample Description: BR-1 Grab Water
Southside Oil 20025

LL Sample # WW 8187830
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 11:35 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225B1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 4	4	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

eurofins
Lancaster Laboratories Environmental
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Analysis Report

Sample Description: BR-1 Grab Water
Southside Oil 20025

LL Sample # WW 8187830
LL Group # 1619760
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 11:35 by EM

Submitted: 12/22/2015 17:55
Reported: 01/09/2016 18:08

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

225B1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: n-propylbenzene.

GC Petroleum Hydrocarbons	**SW-846 8015B**		**mg/l**	**mg/l**	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	N160041AA	01/04/2016 21:09	Nicole S Lamoreaux	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N160041AA	01/04/2016 21:09	Nicole S Lamoreaux	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	160040001A	01/05/2016 18:45	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	160040001A	01/04/2016 15:10	Wanda F Oswald	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: N153652AA	Sample number(s): 8187814-8187825,8187827	
Acetone	< 20	20
Acrolein	< 100	100
Acrylonitrile	< 20	20
t-Amyl methyl ether	< 1	1
Benzene	< 1	1
Bromodichloromethane	< 1	1
Bromoform	< 4	4
Bromomethane	< 1	1
2-Butanone	< 10	10
t-Butyl alcohol	< 20	20
n-Butylbenzene	< 5	5
sec-Butylbenzene	< 5	5
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
2-Chloroethyl Vinyl Ether	< 10	10
Chloroform	< 1	1
Chloromethane	< 1	1
Dibromochloromethane	< 1	1
1,2-Dichlorobenzene	< 5	5
1,3-Dichlorobenzene	< 5	5
1,4-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 1	1
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
1,2-Dichloropropane	< 1	1
cis-1,3-Dichloropropene	< 1	1
trans-1,3-Dichloropropene	< 1	1
Ethanol	< 250	250
Ethyl t-butyl ether	< 1	1
Ethylbenzene	< 1	1
di-Isopropyl ether	< 1	1
Isopropylbenzene	< 5	5
p-Isopropyltoluene	< 5	5
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 4	4
Naphthalene	< 5	5
n-Propylbenzene	< 5	5
1,1,2,2-Tetrachloroethane	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

Analysis Name	Result	LOQ
	ug/l	ug/l
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
1,2,4-Trimethylbenzene	< 5	5
1,3,5-Trimethylbenzene	< 5	5
Vinyl Chloride	< 1	1
Xylene (Total)	< 1	1
Batch number: N160041AA	Sample number(s): 8187826,8187828-8187830	
Acetone	< 20	20
Acrolein	< 100	100
Acrylonitrile	< 20	20
t-Amyl methyl ether	< 1	1
Benzene	< 1	1
Bromodichloromethane	< 1	1
Bromoform	< 4	4
Bromomethane	< 1	1
2-Butanone	< 10	10
t-Butyl alcohol	< 20	20
n-Butylbenzene	< 5	5
sec-Butylbenzene	< 5	5
Carbon Tetrachloride	< 1	1
Chlorobenzene	< 1	1
Chloroethane	< 1	1
2-Chloroethyl Vinyl Ether	< 10	10
Chloroform	< 1	1
Chloromethane	< 1	1
Dibromochloromethane	< 1	1
1,2-Dichlorobenzene	< 5	5
1,3-Dichlorobenzene	< 5	5
1,4-Dichlorobenzene	< 5	5
1,1-Dichloroethane	< 1	1
1,2-Dichloroethane	< 1	1
1,1-Dichloroethene	< 1	1
cis-1,2-Dichloroethene	< 1	1
trans-1,2-Dichloroethene	< 1	1
1,2-Dichloropropane	< 1	1
cis-1,3-Dichloropropene	< 1	1
trans-1,3-Dichloropropene	< 1	1
Ethanol	< 250	250
Ethyl t-butyl ether	< 1	1
Ethylbenzene	< 1	1
di-Isopropyl ether	< 1	1
Isopropylbenzene	< 5	5
p-Isopropyltoluene	< 5	5
Methyl Tertiary Butyl Ether	< 1	1
Methylene Chloride	< 4	4
Naphthalene	< 5	5
n-Propylbenzene	< 5	5
1,1,2,2-Tetrachloroethane	< 1	1
Tetrachloroethene	< 1	1
Toluene	< 1	1
1,1,1-Trichloroethane	< 1	1
1,1,2-Trichloroethane	< 1	1

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Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

Analysis Name	Result	LOQ
	ug/l	ug/l
Trichloroethene	< 1	1
Trichlorofluoromethane	< 1	1
1,2,4-Trimethylbenzene	< 5	5
1,3,5-Trimethylbenzene	< 5	5
Vinyl Chloride	< 1	1
Xylene (Total)	< 1	1
	mg/l	mg/l
Batch number: 153580008A	Sample number(s): 8187814-8187815,8187817-8187820	
DRO C10-C28	< 0.10	0.10
Batch number: 160040001A	Sample number(s): 8187816,8187821-8187830	
DRO C10-C28	< 0.10	0.10

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: N153652AA	Sample number(s): 8187814-8187825,8187827								
Acetone	150	204.87	150	189.72	137	126	58-138	8	30
Acrolein	150	177.57	150	175.69	118	117	60-120	1	30
Acrylonitrile	100	89.92	100	80.83	90	81	55-127	11	30
t-Amyl methyl ether	20	17.49	20	16.28	87	81	75-120	7	30
Benzene	20	20.96	20	19.36	105	97	78-120	8	30
Bromodichloromethane	20	19.35	20	19.56	97	98	73-120	1	30
Bromoform	20	19.54	20	19.64	98	98	61-121	1	30
Bromomethane	20	18.4	20	18.4	92	92	53-130	0	30
2-Butanone	150	142.7	150	125	95	83	62-131	13	30
t-Butyl alcohol	200	203.78	200	212.07	102	106	78-121	4	30
n-Butylbenzene	20	19.71	20	20.08	99	100	68-120	2	30
sec-Butylbenzene	20	20.02	20	20.05	100	100	75-120	0	30
Carbon Tetrachloride	20	22.15	20	20.47	111	102	74-130	8	30
Chlorobenzene	20	21.36	20	21.56	107	108	80-120	1	30
Chloroethane	20	18.3	20	17.87	91	89	56-120	2	30
2-Chloroethyl Vinyl Ether	20	16.6	20	16.01	83	80	42-152	4	30
Chloroform	20	20.63	20	19.1	103	95	80-120	8	30
Chloromethane	20	19.24	20	17.29	96	86	65-129	11	30
Dibromochloromethane	20	21.44	20	21.38	107	107	72-120	0	30
1,2-Dichlorobenzene	20	20.38	20	20.62	102	103	80-120	1	30
1,3-Dichlorobenzene	20	20.58	20	20.53	103	103	80-120	0	30
1,4-Dichlorobenzene	20	20.85	20	20.99	104	105	80-120	1	30
1,1-Dichloroethane	20	19.95	20	18.3	100	92	80-120	9	30
1,2-Dichloroethane	20	18.84	20	17.42	94	87	72-127	8	30
1,1-Dichloroethene	20	21.39	20	20.03	107	100	76-124	7	30
cis-1,2-Dichloroethene	20	21.41	20	19.72	107	99	80-120	8	30
trans-1,2-Dichloroethene	20	21.87	20	20.33	109	102	80-120	7	30
1,2-Dichloropropane	20	20.52	20	20.17	103	101	80-120	2	30
cis-1,3-Dichloropropene	20	18.61	20	18.36	93	92	80-120	1	30
trans-1,3-Dichloropropene	20	18.34	20	18.5	92	93	76-120	1	30
Ethanol	500	536.08	500	535.39	107	107	49-144	0	30
Ethyl t-butyl ether	20	16.86	20	15.61	84	78	69-120	8	30

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	20	20.06	20	20.26	100	101	78-120	1	30
di-Isopropyl ether	20	18.64	20	17.1	93	86	70-124	9	30
Isopropylbenzene	20	20.02	20	20.43	100	102	80-120	2	30
p-Isopropyltoluene	20	19.51	20	19.77	98	99	76-120	1	30
Methyl Tertiary Butyl Ether	20	18.9	20	17.47	94	87	75-120	8	30
Methylene Chloride	20	20.94	20	19.29	105	96	77-121	8	30
Naphthalene	20	17.25	20	17.18	86	86	59-120	0	30
n-Propylbenzene	20	19.55	20	19.72	98	99	75-130	1	30
1,1,2,2-Tetrachloroethane	20	18.07	20	18.04	90	90	65-131	0	30
Tetrachloroethene	20	22.61	20	23.14	113	116	80-122	2	30
Toluene	20	21.03	20	21.09	105	105	80-120	0	30
1,1,1-Trichloroethane	20	20.36	20	18.73	102	94	66-126	8	30
1,1,2-Trichloroethane	20	20.79	20	20.6	104	103	80-120	1	30
Trichloroethene	20	21.18	20	21.55	106	108	80-120	2	30
Trichlorofluoromethane	20	23.02	20	19.82	115	99	60-142	15	30
1,2,4-Trimethylbenzene	20	19.17	20	19.33	96	97	75-120	1	30
1,3,5-Trimethylbenzene	20	19.16	20	19.37	96	97	80-120	1	30
Vinyl Chloride	20	19.5	20	18.03	97	90	69-120	8	30
Xylene (Total)	60	60.54	60	61.2	101	102	80-120	1	30
Batch number: N160041AA	Sample number(s): 8187826,8187828-8187830								
Acetone	150	170.39	150	145.31	114	97	58-138	16	30
Acrolein	150	130.4	150	142.29	87	95	60-120	9	30
Acrylonitrile	100	79.17	100	79.04	79	79	55-127	0	30
t-Amyl methyl ether	20	16.83	20	16.31	84	82	75-120	3	30
Benzene	20	19.59	20	18.75	98	94	78-120	4	30
Bromodichloromethane	20	19.92	20	19.65	100	98	73-120	1	30
Bromoform	20	22.77	20	22.96	114	115	61-121	1	30
Bromomethane	20	21.51	20	21.01	108	105	53-130	2	30
2-Butanone	150	132.78	150	122.52	89	82	62-131	8	30
t-Butyl alcohol	200	196.45	200	211.81	98	106	78-121	8	30
n-Butylbenzene	20	17.97	20	19.13	90	96	68-120	6	30
sec-Butylbenzene	20	18.93	20	18.15	95	91	75-120	4	30
Carbon Tetrachloride	20	24.17	20	22.34	121	112	74-130	8	30
Chlorobenzene	20	20.64	20	20.46	103	102	80-120	1	30
Chloroethane	20	20.3	20	19.86	102	99	56-120	2	30
2-Chloroethyl Vinyl Ether	20	15.73	20	15.26	79	76	42-152	3	30
Chloroform	20	20.74	20	19.9	104	100	80-120	4	30
Chloromethane	20	20.75	20	20.54	104	103	65-129	1	30
Dibromochloromethane	20	22.19	20	22.28	111	111	72-120	0	30
1,2-Dichlorobenzene	20	20.63	20	20.95	103	105	80-120	2	30
1,3-Dichlorobenzene	20	20.87	20	19.97	104	100	80-120	4	30
1,4-Dichlorobenzene	20	21.03	20	20.47	105	102	80-120	3	30
1,1-Dichloroethane	20	18.6	20	17.68	93	88	80-120	5	30
1,2-Dichloroethane	20	19.02	20	18.97	95	95	72-127	0	30
1,1-Dichloroethene	20	20.53	20	19	103	95	76-124	8	30
cis-1,2-Dichloroethene	20	20.94	20	19.98	105	100	80-120	5	30
trans-1,2-Dichloroethene	20	21.61	20	20.42	108	102	80-120	6	30
1,2-Dichloropropane	20	18.3	20	17.67	91	88	80-120	3	30
cis-1,3-Dichloropropene	20	18.15	20	17.48	91	87	80-120	4	30
trans-1,3-Dichloropropene	20	18.02	20	17.53	90	88	76-120	3	30
Ethanol	500	592.71	500	578.95	119	116	49-144	2	30
Ethyl t-butyl ether	20	16.27	20	15.73	81	79	69-120	3	30
Ethylbenzene	20	19.41	20	18.66	97	93	78-120	4	30

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
di-Isopropyl ether	20	16.56	20	15.95	83	80	70-124	4	30
Isopropylbenzene	20	20.09	20	19.15	100	96	80-120	5	30
p-Isopropyltoluene	20	19.02	20	17.91	95	90	76-120	6	30
Methyl Tertiary Butyl Ether	20	18.32	20	18.01	92	90	75-120	2	30
Methylene Chloride	20	19.48	20	18.85	97	94	77-121	3	30
Naphthalene	20	17.96	20	16.77	90	84	59-120	7	30
n-Propylbenzene	20	18.17	20	14.37	91	72*	75-130	23	30
1,1,2,2-Tetrachloroethane	20	16.29	20	13.59	81	68	65-131	18	30
Tetrachloroethene	20	25.05	20	23.72	125*	119	80-122	5	30
Toluene	20	19.46	20	18.85	97	94	80-120	3	30
1,1,1-Trichloroethane	20	22.53	20	21.36	113	107	66-126	5	30
1,1,2-Trichloroethane	20	19.51	20	19.71	98	99	80-120	1	30
Trichloroethene	20	21.17	20	20.1	106	101	80-120	5	30
Trichlorofluoromethane	20	25.71	20	23.51	129	118	60-142	9	30
1,2,4-Trimethylbenzene	20	18.01	20	17.56	90	88	75-120	3	30
1,3,5-Trimethylbenzene	20	18.35	20	18.69	92	93	80-120	2	30
Vinyl Chloride	20	21.28	20	19.66	106	98	69-120	8	30
Xylene (Total)	60	58.63	60	56.37	98	94	80-120	4	30
	mg/l	mg/l	mg/l	mg/l					
Batch number: 153580008A	Sample number(s): 8187814-8187815,8187817-8187820								
DRO C10-C28	2.65	2.14			81		69-115		
Batch number: 160040001A	Sample number(s): 8187816,8187821-8187830								
DRO C10-C28	2.63	2.46	2.63	2.52	94	96	69-115	2	20

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: N153652AA	Sample number(s): 8187814-8187825,8187827 UNSPK: P189884									
Acetone	< 400	3000	3233.44	3000	3288.44	108	110	58-138	2	30
Acrolein	< 2,000	3000	3069.78	3000	3062.41	102	102	60-120	0	30
Acrylonitrile	< 400	2000	1484.34	2000	1842.45	74	92	55-127	22	30
t-Amyl methyl ether	< 20	400	366.2	400	376.99	92	94	75-120	3	30
Benzene	30296.12	400	28521.21	400	28227.93	-443 (2)	-516 (2)	78-120	1	30
Bromodichloromethane	< 20	400	363.03	400	451.18	91	113	73-120	22	30
Bromoform	< 80	400	407.34	400	377.66	102	94	61-121	8	30
Bromomethane	< 20	400	433.94	400	549.95	108	137*	53-130	24	30
2-Butanone	< 200	3000	2365.91	3000	2894.16	79	96	62-131	20	30
t-Butyl alcohol	< 400	4000	3959.44	4000	4163.25	99	104	78-121	5	30
n-Butylbenzene	< 100	400	451.57	400	437.94	113	109	68-120	3	30
sec-Butylbenzene	30.75	400	507.44	400	502.19	119	118	75-120	1	30
Carbon Tetrachloride	< 20	400	438.64	400	548.16	110	137*	74-130	22	30
Chlorobenzene	25.66	400	477.4	400	502.03	113	119	80-120	5	30
Chloroethane	< 20	400	429.43	400	539.81	107	135*	56-120	23	30
2-Chloroethyl Vinyl Ether	< 200	400	243.24	400	291.82	61	73	42-152	18	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Chloroform	< 20	400	384.62	400	477.46	96	119	80-120	22	30
Chloromethane	< 20	400	513.32	400	421.14	128	105	65-129	20	30
Dibromochloromethane	< 20	400	432.59	400	426.57	108	107	72-120	1	30
1,2-Dichlorobenzene	< 100	400	413.1	400	430.72	103	108	80-120	4	30
1,3-Dichlorobenzene	< 100	400	424.19	400	444.65	106	111	80-120	5	30
1,4-Dichlorobenzene	< 100	400	427.17	400	444.26	107	111	80-120	4	30
1,1-Dichloroethane	< 20	400	366.38	400	455.88	92	114	80-120	22	30
1,2-Dichloroethane	139.06	400	612.3	400	589.48	118	113	72-127	4	30
1,1-Dichloroethene	< 20	400	388.86	400	489.02	97	122	76-124	23	30
cis-1,2-Dichloroethene	< 20	400	372.02	400	471.2	93	118	80-120	24	30
trans-1,2-Dichloroethene	< 20	400	384.59	400	492.9	96	123*	80-120	25	30
1,2-Dichloropropane	< 20	400	482.32	400	459.06	121*	115	80-120	5	30
cis-1,3-Dichloropropene	< 20	400	324.5	400	407.97	81	102	80-120	23	30
trans-1,3-Dichloropropene	< 20	400	393.72	400	415.23	98	104	76-120	5	30
Ethanol	< 5,000	10000	14178.5	10000	11680.25	142	117	49-144	19	30
Ethyl t-butyl ether	< 20	400	284.52	400	366.78	71	92	69-120	25	30
Ethylbenzene	1257.67	400	1862.71	400	1738.07	151*	120	78-120	7	30
di-Isopropyl ether	< 20	400	314.99	400	398.04	79	100	70-124	23	30
Isopropylbenzene	499.36	400	1000.19	400	950.45	125*	113	80-120	5	30
p-Isopropyltoluene	186.02	400	702.6	400	690.47	129*	126*	76-120	2	30
Methyl Tertiary Butyl Ether	< 20	400	319.72	400	406.34	80	102	75-120	24	30
Methylene Chloride	< 80	400	383.88	400	475.03	96	119	77-121	21	30
Naphthalene	< 100	400	302.91	400	362.37	76	91	59-120	18	30
n-Propylbenzene	< 100	400	378.65	400	439.57	95	110	75-130	15	30
1,1,2,2-Tetrachloroethane	< 20	400	317.88	400	377.14	79	94	65-131	17	30
Tetrachloroethene	< 20	400	477.19	400	475.66	119	119	80-122	0	30
Toluene	30841.57	400	30105.9	400	27286.29	-183 (2)	-888 (2)	80-120	10	30
1,1,1-Trichloroethane	< 20	400	394.99	400	492.82	99	123	66-126	22	30
1,1,2-Trichloroethane	< 20	400	415.36	400	433.1	104	108	80-120	4	30
Trichloroethene	< 20	400	466.33	400	485.65	117	121*	80-120	4	30
Trichlorofluoromethane	< 20	400	485.48	400	570.87	121	143*	60-142	16	30
1,2,4-Trimethylbenzene	< 100	400	391.28	400	430.42	98	108	75-120	10	30
1,3,5-Trimethylbenzene	< 100	400	364.6	400	425.11	91	106	80-120	15	30
Vinyl Chloride	< 20	400	454.02	400	547.44	114	137*	69-120	19	30
Xylene (Total)	7925.43	1200	8763.48	1200	8621.86	70 (2)	58 (2)	80-120	2	30
Batch number: N160041AA	Sample number(s): 8187826,8187828-8187830 UNSPK: P189811									
Acetone	< 20	150	153.8	150	166.78	103	111	58-138	8	30
Acrolein	< 100	150	147.81	150	181.93	99	121*	60-120	21	30
Acrylonitrile	< 20	100	77.86	100	80.18	78	80	55-127	3	30
t-Amyl methyl ether	< 1	20	18.27	20	17.95	91	90	75-120	2	30
Benzene	< 1	20	21.96	20	17.04	110	85	78-120	25	30
Bromodichloromethane	< 1	20	22.65	20	17.67	113	88	73-120	25	30
Bromoform	< 4	20	24.31	20	22.15	122*	111	61-121	9	30
Bromomethane	< 1	20	25.26	20	17.47	126	87	53-130	36*	30
2-Butanone	< 10	150	120.28	150	92.34	80	62	62-131	26	30
t-Butyl alcohol	7.51	200	208.71	200	203.21	101	98	78-121	3	30
n-Butylbenzene	16.21	20	33.76	20	44.16	88	140*	68-120	27	30
sec-Butylbenzene	9.63	20	30.08	20	29.78	102	101	75-120	1	30
Carbon Tetrachloride	< 1	20	28.88	20	20.96	144*	105	74-130	32*	30
Chlorobenzene	< 1	20	22.34	20	21.93	112	110	80-120	2	30
Chloroethane	< 1	20	24.65	20	16.94	123*	85	56-120	37*	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
2-Chloroethyl Vinyl Ether	< 10	20	N.D.	20	N.D.	0*	0*	42-152	0	30
Chloroform	< 1	20	24.55	20	18.42	123*	92	80-120	29	30
Chloromethane	< 1	20	26.39	20	18.86	132*	94	65-129	33*	30
Dibromochloromethane	< 1	20	23.12	20	22.38	116	112	72-120	3	30
1,2-Dichlorobenzene	< 5	20	21.54	20	25.87	108	129*	80-120	18	30
1,3-Dichlorobenzene	< 5	20	22.02	20	21.93	110	110	80-120	0	30
1,4-Dichlorobenzene	< 5	20	22.37	20	21.87	112	109	80-120	2	30
1,1-Dichloroethane	< 1	20	20.82	20	19.43	104	97	80-120	7	30
1,2-Dichloroethane	< 1	20	22.13	20	16.01	111	80	72-127	32*	30
1,1-Dichloroethene	< 1	20	23.55	20	22.24	118	111	76-124	6	30
cis-1,2-Dichloroethene	1.12	20	24.15	20	18.55	115	87	80-120	26	30
trans-1,2-Dichloroethene	< 1	20	23.9	20	22.26	119	111	80-120	7	30
1,2-Dichloropropane	< 1	20	20.87	20	21.67	104	108	80-120	4	30
cis-1,3-Dichloropropene	< 1	20	19.9	20	15.34	100	77*	80-120	26	30
trans-1,3-Dichloropropene	< 1	20	19.22	20	18.76	96	94	76-120	2	30
Ethanol	< 250	500	476.53	500	551	95	110	49-144	14	30
Ethyl t-butyl ether	< 1	20	17.08	20	16.08	85	80	69-120	6	30
Ethylbenzene	71.02	20	88.78	20	86	89	75*	78-120	3	30
di-Isopropyl ether	< 1	20	17.25	20	17.68	86	88	70-124	2	30
Isopropylbenzene	27.3	20	49.83	20	48.93	113	108	80-120	2	30
p-Isopropyltoluene	7.12	20	29.09	20	28.7	110	108	76-120	1	30
Methyl Tertiary Butyl Ether	< 1	20	19.07	20	17.57	95	88	75-120	8	30
Methylene Chloride	< 4	20	21.73	20	20.91	109	105	77-121	4	30
Naphthalene	51.03	20	64.92	20	78.92	69	139*	59-120	19	30
n-Propylbenzene	65.43	20	77.28	20	77.09	59*	58*	75-130	0	30
1,1,2,2-Tetrachloroethane	< 1	20	16.71	20	16.48	84	82	65-131	1	30
Tetrachloroethene	0.816	20	27.73	20	27.74	135*	135*	80-122	0	30
Toluene	< 1	20	21.18	20	21.24	106	106	80-120	0	30
1,1,1-Trichloroethane	< 1	20	26.68	20	19.61	133*	98	66-126	31*	30
1,1,2-Trichloroethane	< 1	20	24.88	20	24.66	124*	123*	80-120	1	30
Trichloroethene	< 1	20	25.26	20	23.92	126*	120	80-120	5	30
Trichlorofluoromethane	< 1	20	28.74	20	21.98	144*	110	60-142	27	30
1,2,4-Trimethylbenzene	621.13	20	590.32	20	559.07	-153 (2)	-309 (2)	75-120	5	30
1,3,5-Trimethylbenzene	247.32	20	232.7	20	227.57	-72 (2)	-98 (2)	80-120	2	30
Vinyl Chloride	< 1	20	26.22	20	18.8	131*	94	69-120	33*	30
Xylene (Total)	305.17	60	391.57	60	351.06	144 (2)	76 (2)	80-120	11	30
	mg/l	**mg/l**	**mg/l**	**mg/l**	**mg/l**					
Batch number: 153580008A	Sample number(s): 8187814-8187815,8187817-8187820 UNSPK: P184890									
DRO C10-C28	< 0.10	2.70	1.63	2.68	2.18	60*	81	69-115	29*	20

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOC 8260 Kleinfelder Full+EtOH
Batch number: N153652AA

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8187814	107	106	95	87
8187815	108	106	96	88
8187816	108	105	97	84
8187817	110	105	96	90
8187818	109	106	96	87
8187819	106	101	96	82
8187820	112	108	95	88
8187821	112	109	99	90
8187822	113	109	106	82
8187823	113	108	97	89
8187824	114	110	96	89
8187825	111	105	99	89
8187827	116	110	95	87
Blank	105	104	96	89
LCS	103	101	99	96
LCSD	93	94	99	95
MS	88	98	99	99
MSD	105	102	84	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOC 8260 Kleinfelder Full+EtOH
Batch number: N160041AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
8187826	108	102	93	95
8187828	113	107	91	86
8187829	113	106	92	85
8187830	111	106	92	85
Blank	110	105	92	87
LCS	107	101	94	92
LCSD	108	102	95	92
MS	109	101	93	94
MSD	83	79	93	92
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-DRO water C10-C28
Batch number: 153580008A

	Orthoterphenyl
8187814	70
8187815	26*
8187817	80
8187818	127
8187819	85
8187820	67
Blank	128
LCS	123
MS	114
MSD	119
Limits:	42-160

Analysis Name: TPH-DRO water C10-C28
Batch number: 160040001A

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/09/2016 18:08

Group Number: 1619760

	Orthoterphenyl
8187816	50
8187821	43
8187822	102
8187823	84
8187824	106
8187825	101
8187826	76
8187827	98
8187828	85
8187829	95
8187830	103
Blank	101
LCS	97
LCSD	100
Limits:	42-160

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: _____ Sample #: 816 7814-303
1619760

Client: Southside Oil | Acct. #:
Project Name/#: 20025 | PWSID #:
Project Manager: Mark C. Steele | P.O. #: 51141-305139
Sampler: Evan McMulla | Quote #:
Name of State where samples were collected: Maryland

For Lab Use Only
FSC:
SCR#:

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Other	Total # of Containers	Full List VOC+oxy 8260	~~TPH-GRO 8015~~	TPH-DRO 8015	Ethanol 8260							Remarks	Temperature of samples upon receipt (if requested)
MW-1	12/21/15	0815	X			X		5	X		X	X								
MW-2		1310	X			X		5	X		X	X								
MW-3		1020	X			X		5	X		X	X								
MW-4		1450	X			X		5	X		X	X								
MW-5		13:25	X			X		5	X		X	X								
MW-6		14:30	X			X		5	X		X	X								
MW-7		0840	X			X		5	X		X	X								
MW-8		0950	X			X		5	X		X	X								
MW-9		0745	X			X		5	X		X	X								
TF-1		10:40	X			X		5	X		X	X								
TF-2		13:40	X			X		5	X		X	X								
TF-3		1400	X			X		5	X		X	X								

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:

Relinquished by:	Date	Time	Received by:	Date	Time
E.M.M.	12/21/15	16:30	cooler room	12/21/15	16:30
cooler room	12/22/15	13:00	[illegible]	12/22/15	13:00
[illegible]	12/22/15	17:15			
			[illegible]	12/22/15	1755

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

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: _____ Sample #: 8165814-30 (3)
1619760

Client: Southside Oil
Acct. #:
Project Name/#: 20025
PWSID #:
Project Manager: Mark C. Steele
P.O. #: 51141-305139
Sampler: Evan McMullen
Quote #:
Name of State where samples were collected: Maryland

For Lab Use Only
FSC:
SCR#:

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable	NPDES	Water	Other	Total # of Containers	Full List VOC+oxy 8260	~~TPH-GRO 8015~~	TPH-DRO 8015	Ethanol 8260	Remarks	Temperature of samples upon receipt (if requested)
MW-10D	12/21/15	14:15	X					X		5	X		X	X		
MW-12	↓	12 25	X					X		5	X		X	X		
MW-13	↓	11 50	X					X		5	X		X	X		
MW-14	↓	13 00	X					X		5	X		X	X		
BR-1	↓	11:35	X					X		4	X		X	X		

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
E.M.M.	12/21/15	16:30	cooler room	12/21/15	16:30
cooler room	12/22/15	13:00	[illegible]	12/22/15	13:00
[illegible]	12/22/15	17:17			

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

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 131961

Group Number(s): 1619760

Client: Kleinfelder

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	12/22/2015 17:55
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 18:14 on 12/22/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.6	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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. 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. 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.

APPENDIX B

Lancaster Laboratories Analytical Reports – Potable Wells (December 21, 2015)

ANALYTICAL RESULTS

Prepared by:	Prepared for:
Eurofins Lancaster Laboratories Environmental 2425 New Holland Pike Lancaster, PA 17601	Kleinfelder 550 West C Street, Suite 1200 San Diego CA 92101

January 07, 2016

Project: Southside Oil 20025

Submittal Date: 12/22/2015
Group Number: 1619761
PO Number: 51141-305139
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
1836 Perryville Road Grab Water	8187831

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Kleinfelder	Attn: Paxton Wertz
ELECTRONIC COPY TO	Kleinfelder	Attn: Jennifer Kozak
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 1836 Perryville Road Grab Water
Southside Oil 20025

LL Sample # PW 8187831
LL Group # 1619761
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:18 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1836P

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	**Methyl Tertiary Butyl Ether**	1634-04-4	**3.9**	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

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Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: 1836 Perryville Road Grab Water
Southside Oil 20025

LL Sample # PW 8187831
LL Group # 1619761
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:18 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1836P

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S160041AA	01/04/2016 11:04	Jason M Long	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/07/2016 14:02

Group Number: 1619761

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: S160041AA	Sample number(s): 8187831	
Acetone	< 5.0	5.0
Acrolein	< 50	50
Acrylonitrile	< 10	10
t-Amyl Methyl Ether	< 0.5	0.5
Benzene	< 0.5	0.5
Bromodichloromethane	< 0.5	0.5
Bromoform	< 0.5	0.5
Bromomethane	< 0.5	0.5
2-Butanone	< 5.0	5.0
t-Butyl Alcohol	< 25	25
n-Butylbenzene	< 0.5	0.5
sec-Butylbenzene	< 0.5	0.5
tert-Butylbenzene	< 0.5	0.5
Carbon Tetrachloride	< 0.5	0.5
Chlorobenzene	< 0.5	0.5
Chloroethane	< 0.5	0.5
Chloroform	< 0.5	0.5
Chloromethane	< 0.5	0.5
Dibromochloromethane	< 0.5	0.5
1,2-Dichlorobenzene	< 0.5	0.5
1,3-Dichlorobenzene	< 0.5	0.5
1,4-Dichlorobenzene	< 0.5	0.5
1,1-Dichloroethane	< 0.5	0.5
1,2-Dichloroethane	< 0.5	0.5
1,1-Dichloroethene	< 0.5	0.5
cis-1,2-Dichloroethene	< 0.5	0.5
trans-1,2-Dichloroethene	< 0.5	0.5
1,2-Dichloropropane	< 0.5	0.5
cis-1,3-Dichloropropene	< 0.5	0.5
trans-1,3-Dichloropropene	< 0.5	0.5
Ethyl t-Butyl Ether	< 0.5	0.5
Ethylbenzene	< 0.5	0.5
di-Isopropyl Ether	< 0.5	0.5
Isopropylbenzene	< 0.5	0.5
p-Isopropyltoluene	< 0.5	0.5
Methyl Tertiary Butyl Ether	< 0.5	0.5
Methylene Chloride	< 0.5	0.5
Naphthalene	< 0.5	0.5
n-Propylbenzene	< 0.5	0.5
1,1,2,2-Tetrachloroethane	< 0.5	0.5
Tetrachloroethene	< 0.5	0.5
Toluene	< 0.5	0.5
1,1,1-Trichloroethane	< 0.5	0.5

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/07/2016 14:02

Group Number: 1619761

Analysis Name	Result ug/l	LOQ ug/l
1,1,2-Trichloroethane	< 0.5	0.5
Trichloroethene	< 0.5	0.5
Trichlorofluoromethane	< 0.5	0.5
1,2,4-Trimethylbenzene	< 0.5	0.5
1,3,5-Trimethylbenzene	< 0.5	0.5
Vinyl Chloride	< 0.5	0.5
Xylene (Total)	< 0.5	0.5

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S160041AA	Sample number(s): 8187831								
Acetone	37.5	45.09			120		70-130		
Acrolein	37.5	42.26			113		70-130		
Acrylonitrile	112.5	128.28			114		70-130		
t-Amyl Methyl Ether	5.00	4.39			88		70-130		
Benzene	5.00	4.77			95		70-130		
Bromodichloromethane	5.00	5.32			106		70-130		
Bromoform	5.00	6.32			126		70-130		
Bromomethane	2.00	2.21			111		70-130		
2-Butanone	37.5	33.81			90		70-130		
t-Butyl Alcohol	50	60.88			122		70-130		
n-Butylbenzene	5.00	4.67			93		70-130		
sec-Butylbenzene	5.00	5.21			104		70-130		
tert-Butylbenzene	5.00	5.12			102		70-130		
Carbon Tetrachloride	5.00	4.87			97		70-130		
Chlorobenzene	5.00	4.91			98		70-130		
Chloroethane	2.00	2.27			113		70-130		
Chloroform	5.00	5.02			100		70-130		
Chloromethane	2.00	2.10			105		70-130		
Dibromochloromethane	5.00	5.83			117		70-130		
1,2-Dichlorobenzene	5.00	4.77			95		70-130		
1,3-Dichlorobenzene	5.00	4.75			95		70-130		
1,4-Dichlorobenzene	5.00	4.67			93		70-130		
1,1-Dichloroethane	5.00	5.33			107		70-130		
1,2-Dichloroethane	5.00	5.10			102		70-130		
1,1-Dichloroethene	5.00	5.05			101		70-130		
cis-1,2-Dichloroethene	5.00	4.62			92		70-130		
trans-1,2-Dichloroethene	5.00	5.32			106		70-130		
1,2-Dichloropropane	5.00	4.94			99		70-130		
cis-1,3-Dichloropropene	5.00	5.04			101		70-130		
trans-1,3-Dichloropropene	5.00	5.10			102		70-130		
Ethyl t-Butyl Ether	5.00	5.48			110		70-130		
Ethylbenzene	5.00	4.71			94		70-130		
di-Isopropyl Ether	5.00	5.33			107		70-130		
Isopropylbenzene	5.00	5.01			100		70-130		
p-Isopropyltoluene	5.00	4.51			90		70-130		
Methyl Tertiary Butyl Ether	5.00	4.83			97		70-130		
Methylene Chloride	5.00	4.88			98		70-130		
Naphthalene	5.00	4.43			89		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/07/2016 14:02

Group Number: 1619761

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
n-Propylbenzene	5.00	4.98			100		70-130		
1,1,2,2-Tetrachloroethane	5.00	5.14			103		70-130		
Tetrachloroethene	5.00	5.09			102		70-130		
Toluene	5.00	5.20			104		70-130		
1,1,1-Trichloroethane	5.00	4.84			97		70-130		
1,1,2-Trichloroethane	5.00	5.37			107		70-130		
Trichloroethene	5.00	5.04			101		70-130		
Trichlorofluoromethane	2.00	2.30			115		70-130		
1,2,4-Trimethylbenzene	5.00	4.42			88		70-130		
1,3,5-Trimethylbenzene	5.00	4.47			89		70-130		
Vinyl Chloride	2.00	2.29			114		70-130		
Xylene (Total)	15	13.91			93		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2
Batch number: S160041AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8187831	110	102
Blank	112	103
LCS	112	102
Limits:	80-120	80-120

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: _____ Sample #: 8187831
16/4761

3

Client:	Southside Oil	Acct. #:	
Project Name/#:	20025	PWSID #:	
Project Manager:	Mark C. Steele	P.O. #:	51141-305139
Sampler:	Evan McMullen	Quote #:	
Name of State where samples were collected:	Maryland		

For Lab Use Only
FSC:
SCR#:

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Other	Total # of Containers	Analyses Requested: Full List VOCs + OXY 524.2 (H)	Remarks	Temperature of samples upon receipt (if requested)
1836 Perryville Road	12/21/15	0918	X			X		7	X		

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:

Relinquished by:	Date	Time	Received by:	Date	Time
E.M. McM	12/21/15	16:30	Cooler Room	12/21/15	16:30
Cooler Room	12/22/15	13:00	[signature]	12/22/15	15:00
[signature]	12/22/15	17:15			
			[signature]	12/22/15	1755

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

SDG Complete? Yes No

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

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

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Sample Administration Receipt Documentation Log

Doc Log ID: 131961

Group Number(s): 1619761

Client: Kleinfelder

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	12/22/2015 17:55
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 18:14 on 12/22/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.6	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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. 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. 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.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

January 07, 2016

Project: Southside Oil 20025

Submittal Date: 12/22/2015
Group Number: 1619762
PO Number: 51141-305139
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
1825 Perryville Road PI Grab Water	8187832
1825 Perryville Road PM Grab Water	8187833
1825 Perryville Road PE Grab Water	8187834

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Kleinfelder	Attn: Paxton Wertz
ELECTRONIC COPY TO	Kleinfelder	Attn: Jennifer Kozak
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: 1825 Perryville Road PI Grab Water
Southside Oil 20025

LL Sample # PW 8187832
LL Group # 1619762
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:12 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1825I

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	**Methyl Tertiary Butyl Ether**	1634-04-4	**8.7**	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

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Analysis Report

Sample Description: 1825 Perryville Road PI Grab Water
Southside Oil 20025

LL Sample # PW 8187832
LL Group # 1619762
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:12 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1825I

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S160041AA	01/04/2016 11:31	Jason M Long	1

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Analysis Report

Sample Description: 1825 Perryville Road PM Grab Water
Southside Oil 20025

LL Sample # PW 8187833
LL Group # 1619762
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:09 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1825M

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

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Analysis Report

Sample Description: 1825 Perryville Road PM Grab Water
Southside Oil 20025

LL Sample # PW 8187833
LL Group # 1619762
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:09 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1825M

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S160041AA	01/04/2016 11:58	Jason M Long	1

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Analysis Report

Sample Description: 1825 Perryville Road PE Grab Water
Southside Oil 20025

LL Sample # PW 8187834
LL Group # 1619762
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:07 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1825E

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 524.2**		**ug/l**	**ug/l**	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

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Analysis Report

Sample Description: 1825 Perryville Road PE Grab Water
Southside Oil 20025

LL Sample # PW 8187834
LL Group # 1619762
Account # 12152

Project Name: Southside Oil 20025

Collected: 12/21/2015 09:07 by EM

Submitted: 12/22/2015 17:55
Reported: 01/07/2016 14:02

Kleinfelder
550 West C Street, Suite 1200
San Diego CA 92101

1825E

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S160041AA	01/04/2016 12:26	Jason M Long	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/07/2016 14:02

Group Number: 1619762

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 was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: S160041AA	Sample number(s): 8187832-8187834	
Acetone	< 5.0	5.0
Acrolein	< 50	50
Acrylonitrile	< 10	10
t-Amyl Methyl Ether	< 0.5	0.5
Benzene	< 0.5	0.5
Bromodichloromethane	< 0.5	0.5
Bromoform	< 0.5	0.5
Bromomethane	< 0.5	0.5
2-Butanone	< 5.0	5.0
t-Butyl Alcohol	< 25	25
n-Butylbenzene	< 0.5	0.5
sec-Butylbenzene	< 0.5	0.5
tert-Butylbenzene	< 0.5	0.5
Carbon Tetrachloride	< 0.5	0.5
Chlorobenzene	< 0.5	0.5
Chloroethane	< 0.5	0.5
Chloroform	< 0.5	0.5
Chloromethane	< 0.5	0.5
Dibromochloromethane	< 0.5	0.5
1,2-Dichlorobenzene	< 0.5	0.5
1,3-Dichlorobenzene	< 0.5	0.5
1,4-Dichlorobenzene	< 0.5	0.5
1,1-Dichloroethane	< 0.5	0.5
1,2-Dichloroethane	< 0.5	0.5
1,1-Dichloroethene	< 0.5	0.5
cis-1,2-Dichloroethene	< 0.5	0.5
trans-1,2-Dichloroethene	< 0.5	0.5
1,2-Dichloropropane	< 0.5	0.5
cis-1,3-Dichloropropene	< 0.5	0.5
trans-1,3-Dichloropropene	< 0.5	0.5
Ethyl t-Butyl Ether	< 0.5	0.5
Ethylbenzene	< 0.5	0.5
di-Isopropyl Ether	< 0.5	0.5
Isopropylbenzene	< 0.5	0.5
p-Isopropyltoluene	< 0.5	0.5
Methyl Tertiary Butyl Ether	< 0.5	0.5
Methylene Chloride	< 0.5	0.5
Naphthalene	< 0.5	0.5
n-Propylbenzene	< 0.5	0.5
1,1,2,2-Tetrachloroethane	< 0.5	0.5
Tetrachloroethene	< 0.5	0.5
Toluene	< 0.5	0.5
1,1,1-Trichloroethane	< 0.5	0.5

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/07/2016 14:02

Group Number: 1619762

Analysis Name	Result ug/l	LOQ ug/l
1,1,2-Trichloroethane	< 0.5	0.5
Trichloroethene	< 0.5	0.5
Trichlorofluoromethane	< 0.5	0.5
1,2,4-Trimethylbenzene	< 0.5	0.5
1,3,5-Trimethylbenzene	< 0.5	0.5
Vinyl Chloride	< 0.5	0.5
Xylene (Total)	< 0.5	0.5

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S160041AA	Sample number(s): 8187832-8187834								
Acetone	37.5	45.09			120		70-130		
Acrolein	37.5	42.26			113		70-130		
Acrylonitrile	112.5	128.28			114		70-130		
t-Amyl Methyl Ether	5.00	4.39			88		70-130		
Benzene	5.00	4.77			95		70-130		
Bromodichloromethane	5.00	5.32			106		70-130		
Bromoform	5.00	6.32			126		70-130		
Bromomethane	2.00	2.21			111		70-130		
2-Butanone	37.5	33.81			90		70-130		
t-Butyl Alcohol	50	60.88			122		70-130		
n-Butylbenzene	5.00	4.67			93		70-130		
sec-Butylbenzene	5.00	5.21			104		70-130		
tert-Butylbenzene	5.00	5.12			102		70-130		
Carbon Tetrachloride	5.00	4.87			97		70-130		
Chlorobenzene	5.00	4.91			98		70-130		
Chloroethane	2.00	2.27			113		70-130		
Chloroform	5.00	5.02			100		70-130		
Chloromethane	2.00	2.10			105		70-130		
Dibromochloromethane	5.00	5.83			117		70-130		
1,2-Dichlorobenzene	5.00	4.77			95		70-130		
1,3-Dichlorobenzene	5.00	4.75			95		70-130		
1,4-Dichlorobenzene	5.00	4.67			93		70-130		
1,1-Dichloroethane	5.00	5.33			107		70-130		
1,2-Dichloroethane	5.00	5.10			102		70-130		
1,1-Dichloroethene	5.00	5.05			101		70-130		
cis-1,2-Dichloroethene	5.00	4.62			92		70-130		
trans-1,2-Dichloroethene	5.00	5.32			106		70-130		
1,2-Dichloropropane	5.00	4.94			99		70-130		
cis-1,3-Dichloropropene	5.00	5.04			101		70-130		
trans-1,3-Dichloropropene	5.00	5.10			102		70-130		
Ethyl t-Butyl Ether	5.00	5.48			110		70-130		
Ethylbenzene	5.00	4.71			94		70-130		
di-Isopropyl Ether	5.00	5.33			107		70-130		
Isopropylbenzene	5.00	5.01			100		70-130		
p-Isopropyltoluene	5.00	4.51			90		70-130		
Methyl Tertiary Butyl Ether	5.00	4.83			97		70-130		
Methylene Chloride	5.00	4.88			98		70-130		
Naphthalene	5.00	4.43			89		70-130		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Kleinfelder
Reported: 01/07/2016 14:02

Group Number: 1619762

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
n-Propylbenzene	5.00	4.98			100		70-130		
1,1,2,2-Tetrachloroethane	5.00	5.14			103		70-130		
Tetrachloroethene	5.00	5.09			102		70-130		
Toluene	5.00	5.20			104		70-130		
1,1,1-Trichloroethane	5.00	4.84			97		70-130		
1,1,2-Trichloroethane	5.00	5.37			107		70-130		
Trichloroethene	5.00	5.04			101		70-130		
Trichlorofluoromethane	2.00	2.30			115		70-130		
1,2,4-Trimethylbenzene	5.00	4.42			88		70-130		
1,3,5-Trimethylbenzene	5.00	4.47			89		70-130		
Vinyl Chloride	2.00	2.29			114		70-130		
Xylene (Total)	15	13.91			93		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2
Batch number: S160041AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
8187832	115	105
8187833	110	104
8187834	115	107
Blank	112	103
LCS	112	102
Limits:	80-120	80-120

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: _____ Sample #: 818832-34
1619762

Client: Southside Oil
Acct. #:
Project Name/#: 20025
PWSID #:
Project Manager: Mark C. Steele
P.O. #:
Sampler: Evan McMullen
Quote #:
Name of State where samples were collected: Maryland

For Lab Use Only
FSC:
SCR#:

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Other	Total # of Containers	Analyses Requested / Preservation Codes: Full List VOCs + OXY 524.2 (H)	Remarks	Temperature of samples upon receipt (if requested)
1825 Perryville Road PI	12/21/15	0912	X			X		3	X		
1825 Perryville Road PM	12/21/15	0909	X			X		3	X		
1825 Perryville Road PE	12/21/15	0907	X			X		3	X		

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
E.M.M.	12/21/15	16:30	cooler room	12/21/15	1630
cooler room	12/22/15	13:00	[illegible]	12/22/15	13:00
[illegible]	12/22/15	17:15			

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

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 131961

Group Number(s): 1619762

Client: Kleinfelder

Delivery and Receipt Information

Delivery Method:	ELLE Courier	Arrival Timestamp:	12/22/2015 17:55
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	MD		

Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace ≥ 6mm:	No
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Patrick Engle (3472) at 18:14 on 12/22/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	0.6	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T 717-656-2300
F 717-656-2681
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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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.

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

Tests 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.

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

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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