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FEDEX: 7970 0304 9127

October 25, 2013

Mr. Jim Richmond
Oil Control Program
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, MD 21230

RE: Third Quarter 2013 Groundwater Monitoring Report
Southside Facility #26463
8816 Fingerboard Road
Frederick, Frederick County, Maryland
MDE Case No. 2006-0245-FR

Dear Mr. Richmond:

Please find attached the Third Quarter 2013 Groundwater Monitoring Report for the above referenced site. Quarterly potable well sampling of two residences was also completed during the Third Quarter 2013 and the results are reported herein.

Please feel free to contact us at (410) 850-0404 if you have questions.

Sincerely yours,
Kleinfelder East, Inc.

Paxton Wertz
Geologist

Mark C. Steele
Program Manager

Enclosure

cc: Mr. Marshall Hare – Southside Oil, LLC (File)

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THIRD QUARTER 2013
GROUNDWATER MONITORING REPORT

Southside Facility #26463
8816 Fingerboard Road
Frederick, Frederick County, Maryland

REGULATORY INFORMATION

Regulatory Agency:	Maryland Department of the Environment (MDE)
Agency Contact:	Mr. Jim Richmond
MDE Case No.:	2006-0245-FR
Current Case Status:	Quarterly groundwater and potable well sampling and reporting; Corrective Action Plan (CAP) Implementation
Reporting Period:	July 1 through September 30, 2013
Last Report:	Second Quarter Groundwater Monitoring Report, July 2013

GENERAL SITE INFORMATION

Southside Oil Contact:	Mr. Marshall Hare
Consultant Contact:	Mr. Donald A. Trego, QEP
Facility Status:	Active branded Exxon retail service station. Ownership and operation of the UST system was transferred from Exxon Mobil Corporation (ExxonMobil) to Southside Oil, LLC (Southside) on June 21, 2010.
Area Property Use:	See Local Area Map (**Figure 1**)
Monitoring Wells:	MW-1 through MW-16, and TF-1R through TF-4R
Site Geology:	Silt and clay underlain by meta-siltstone phyllite bedrock
Groundwater Flow Direction:	North/West/South

ACTIVITIES COMPLETED THIS PERIOD

September 4, 2013 – Groundwater Gauging/Monitoring Well Sampling

Wells Gauged and Sampled:	MW-1 through MW-16,
Wells Gauged Only:	TF-1R through TF-4R
Liquid Phase Hydrocarbon:	None detected
Minimum/Maximum Depth to Water:	7.00 feet (MW-3) / 35.23 feet (MW-15)
Hydraulic Gradient:	0.060 ft/ft between MW-12 to MW-14 (North)
	0.003 ft/ft between MW-2 to MW-5 (West)
	0.007 ft/ft between MW-10 to MW-15 (South)
Groundwater Flow Direction:	North/West/South

Groundwater samples were collected on September 4, 2013 and submitted to Lancaster Laboratories of Lancaster, Pennsylvania (Lancaster) for analysis of full list volatile organic compounds (VOCs), ethanol, and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B. The tank field wells were dry and therefore not sampled. Monitoring well gauging and sampling data are summarized in **Table 1** and depicted on **Figure 2**. The Lancaster Laboratories Analysis Report is included in **Appendix A.**

September 4, 2013 – Off-Site Potable Well Sampling

Point of entry treatment (POET) systems at the off-site properties located 3514 Urbana Pike and 8826 Fingerboard Road were sampled on September 4, 2013. Each POET system is constructed of three 50-pound granular activated carbon (GAC) units equipped with sampling ports for influent, midfluent, and effluent sampling.

The water samples were submitted to Lancaster for analysis of full-list VOCs including fuel oxygenates using EPA Method 524.2. A summary of off-site potable well analytical data is provided as **Table 2** and the Lancaster Laboratory Analysis Reports are attached as **Appendix B**. A map indicating off-site potable wells which have been historically sampled for VOCs and fuel oxygenates is provided as **Figure 3**.

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September 4, 2013 – On-Site Potable Well Sampling

On September 4, 2013, Kleinfelder collected a water sample from the on-site potable well (PW-1). The water sample was submitted to Lancaster for analysis of full-list VOCs and fuel oxygenates using EPA Method 524.2. The on-site potable well sampling data are summarized in **Table 3** and **Figure 2**. The Lancaster Laboratories Analysis Report is included in **Appendix B**.

ACTIVITIES PLANNED FOR NEXT PERIOD (FOURTH QUARTER 2013)

As per the MDE CAP Approval letter, sampling of the entire monitoring well network will be conducted on an annual basis, with select wells being sampled for the other three quarters. The activities planned for the Fourth Quarter 2013 include one round of sampling for select monitoring well network and continued quarterly potable well sampling.

LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

FIGURES AND TABLES:

Figure 1: Local Area Map
Figure 2: Hydrocarbon Distribution/Groundwater Contour Map (September 4, 2013)
Figure 3: Potable Well Sample Location Map

Table 1: Groundwater Monitoring & Analytical Data
Table 2: Potable Well (Off-site) Analytical Data
Table 3: Potable Well (On-site) Analytical Data

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APPENDICES:

Appendix A: Lancaster Laboratories Analysis Report – Monitoring Wells (September 4, 2013)

Appendix B: Lancaster Laboratories Analysis Report – Off-site and On-site Potable Wells (September 4, 2013)

Prepared By:
Kleinfelder East, Inc.

Paxton Wertz
Geologist

Mark C. Steele
Program Manager

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FIGURES

N

0 150 300 600 900 1,200 Feet

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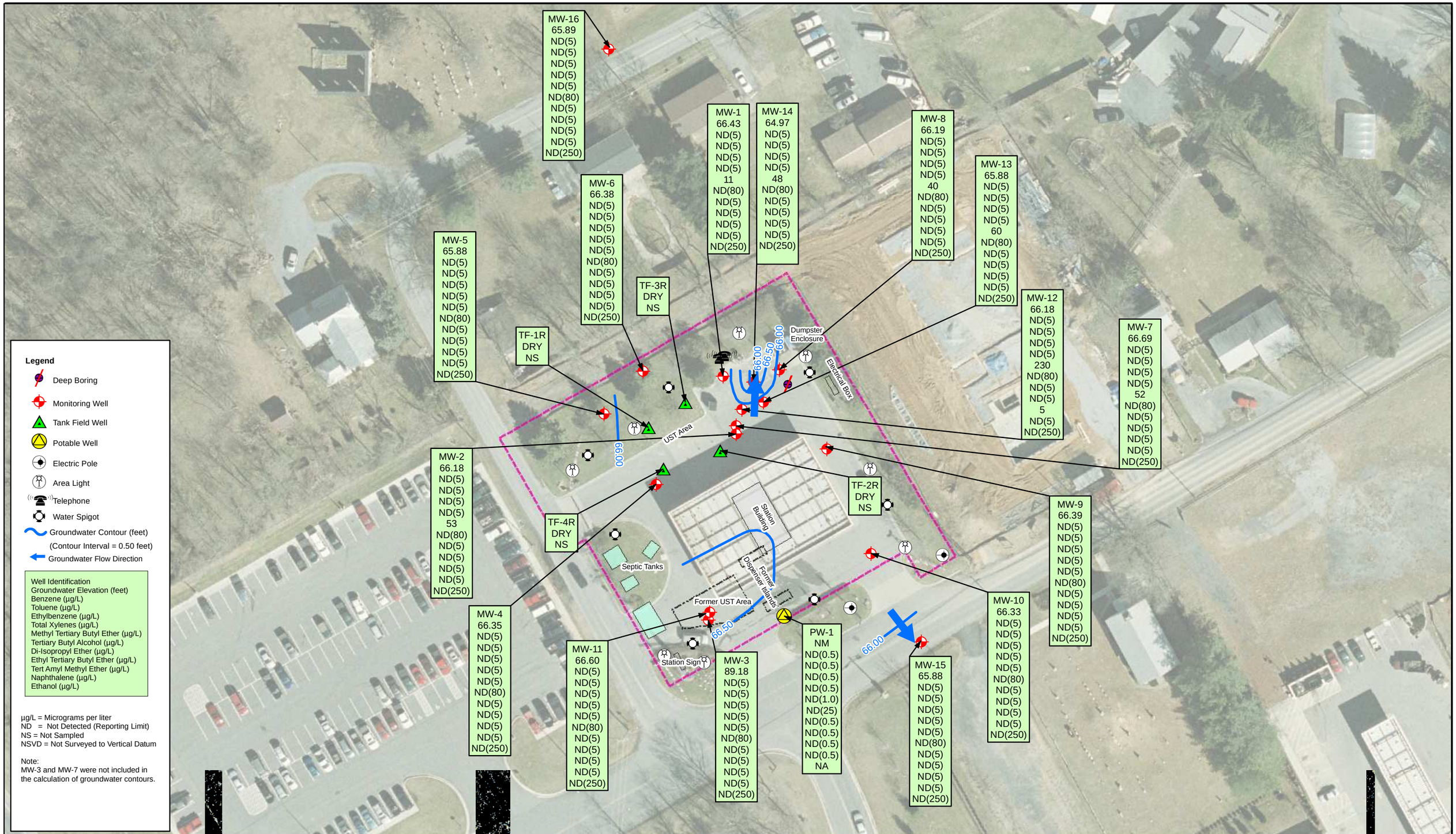
Cartography By: B. Myers | Date: 03/22/11

Local Area Map

SOUTHSIDE FACILITY #26463
8816 FINGERBOARD ROAD
FREDERICK, MD
FREDERICK COUNTY

Project Number: 113847 | File Name: LAM

Figure 1



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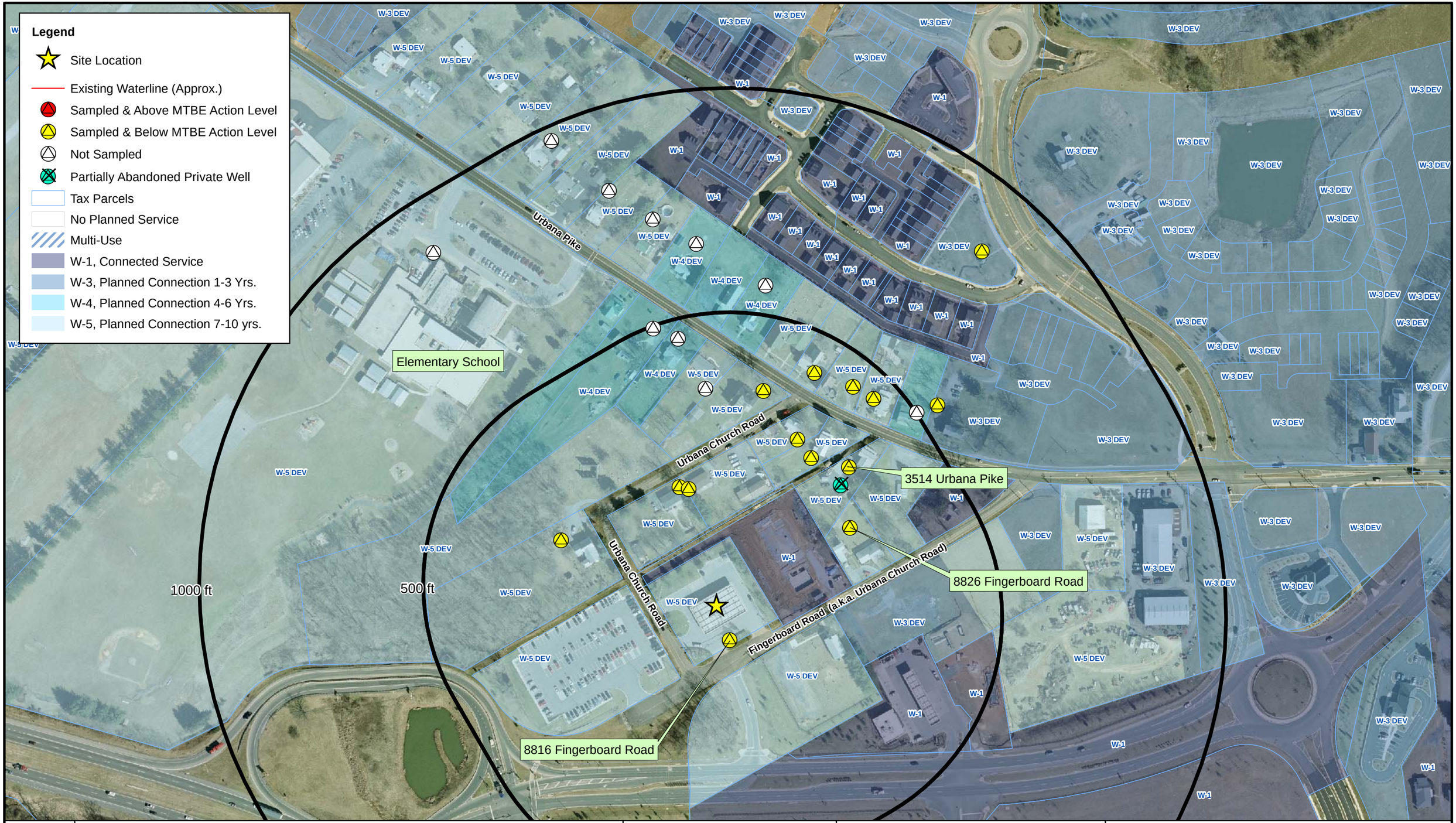
Cartography By: J. Rockwood | Date: 10/4/2013

HYDROCARBON DISTRIBUTION / GROUNDWATER CONTOUR MAP: (SEPTEMBER 14, 2013)

SOUTHSIDE FACILITY #26463
8816 FINGERBOARD ROAD
FREDERICK, MD
FREDERICK COUNTY

Figure 2

Project Number: 113847 | File Name: HD Map



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0 100 200 400 600 800 Feet

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Cartography By: J. Rockwood | Date: 07/09/12

Potable Well Sample Location Map

SOUTHSIDE FACILITY #26463
8816 FINGERBOARD ROAD
FREDERICK, MD
FREDERICK COUNTY

Project Number: 113847 | File Name: PW Sample

Figure 3

TABLES

Table 1

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-1	02/06/2007	97.39	30.56	ND	ND	66.83	ND(20)	ND(20)	ND(20)	ND(20)	11700	ND(500)	80.4	ND(100)	304	ND(100)	11.0	ND(0.10)	NA	
	03/01/2007	97.39	30.48	ND	ND	66.91	ND(10)	ND(10)	ND(10)	ND(10)	10400	130	63.6	ND(50)	244	ND(50)	NA	NA	NA	
	06/28/2007	97.39	30.26	ND	ND	67.13	ND(50)	ND(50)	ND(50)	ND(50)	19400	659	109	ND(250)	357	ND(250)	17.0	ND(0.10)	NA	
	08/27/2007	97.39	31.47	ND	ND	65.92	ND(20)	ND(20)	ND(20)	ND(20)	12300	385	106	ND(100)	260	ND(100)	18.2	0.282	NA	
	12/05/2007	97.39	32.75	ND	ND	64.64	ND(20)	ND(20)	ND(20)	ND(20)	13400	ND(500)	87.8	ND(100)	235	ND(100)	7.46	0.202	NA	
	02/21/2008	97.39	32.73	ND	ND	64.66	ND(25)	ND(25)	ND(25)	ND(25)	12700	ND(630)	107	ND(130)	225	ND(130)	13.4	0.179	NA	
	05/13/2008	97.39	31.23	ND	ND	66.16	ND(10)	ND(10)	ND(10)	ND(10)	7770	ND(250)	88.7	6.8	124	ND(50)	7.30	0.202	NA	
	09/03/2008	97.39	31.23	ND	ND	66.16	ND(25)	ND(25)	ND(25)	ND(25)	10700	ND(630)	61.9	11.4	179	ND(130)	11.5	ND(0.10)	NA	
	11/24/2008	97.39	32.10	ND	ND	65.29	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	8650	194	78.4	13.9	157	ND(25)	11.6	ND(0.10)	NA	
	02/23/2009	97.39	32.15	ND	ND	65.24	ND(20)	ND(20)	ND(20)	ND(20)	5750	ND(500)	ND(100)	9.5	107	ND(100)	NA	NA	NA	
	05/29/2009	97.39	31.54	ND	ND	65.85	ND(10)	ND(10)	ND(10)	ND(10)	5590	141	49.3	ND(50)	118	ND(50)	NA	NA	NA	
	07/20/2009	97.39	30.95	ND	ND	66.44	ND(10)	ND(10)	ND(10)	ND(10)	3570	ND(250)	31.9	5.2	65.1	ND(50)	NA	NA	NA	
	08/05/2009	97.39	31.02	ND	ND	66.37	ND(10)	ND(10)	ND(10)	ND(10)	4360	NA	NA	NA	NA	ND(50)	2.12	ND(0.10)	NA	
	10/29/2009	97.39	31.75	ND	ND	65.64	ND(10)	ND(10)	ND(10)	ND(10)	3560	ND(250)	27.0 J	5.3 J	62.4	ND(50)	NA	NA	NA	
	01/27/2010	97.39	30.14	ND	ND	67.25	ND(10)	ND(10)	ND(10)	ND(10)	2330	ND(250)	19.1	3.6	38.8	ND(50)	NA	NA	NA	
	04/01/2010	97.39	28.57	ND	ND	68.82	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	1260	ND(130)	12.6	1.9	27.6	ND(25)	NA	NA	NA	
	08/30/2010	97.39	30.79	ND	ND	66.60	ND(5)	ND(5)	ND(5)	ND(5)	900	ND(80)	13	ND(5)	19	ND(5)	NA	NA	NA	
	12/14/2010	97.39	31.76	ND	ND	65.63	ND(5)	ND(5)	ND(5)	ND(5)	540	ND(80)	10	ND(5)	12	ND(5)	NA	NA	NA	
	03/02/2011	97.39	32.27	ND	ND	65.12	ND(5)	ND(5)	ND(5)	ND(5)	590	ND(80)	9	ND(5)	13	ND(5)	NA	NA	NA	
	06/02/2011	97.39	29.51	ND	ND	67.88	ND(5)	ND(5)	ND(5)	ND(5)	400	ND(80)	6	ND(5)	7	ND(5)	NA	NA	NA	
	09/07/2011	97.39	31.07	ND	ND	66.32	ND(5)	ND(5)	ND(5)	ND(5)	120	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	97.39	29.82	ND	ND	67.57	ND(5)	ND(5)	ND(5)	ND(5)	79	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	97.39	29.52	ND	ND	67.87	ND(5)	ND(5)	ND(5)	ND(5)	34	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	97.39	31.07	ND	ND	66.32	ND(5)	ND(5)	ND(5)	ND(5)	45	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	97.39	31.46	ND	ND	65.93	ND(5)	ND(5)	ND(5)	ND(5)	50	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	97.39	32.11	ND	ND	65.28	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	97.39	31.11	ND	ND	66.28	ND(5)	ND(5)	ND(5)	ND(5)	14	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	97.39	30.80	ND	ND	66.59	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

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1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-1	09/04/2013	97.39	30.96	ND	ND	66.43	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

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Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-2	02/06/2007	97.37	30.50	ND	ND	66.87	ND(100)	ND(100)	ND(100)	ND(100)	56700	47200	297	ND(500)	873	ND(500)	52.2	0.248	NA	
	06/28/2007	97.37	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/27/2007	97.37	31.45	ND	ND	65.92	4.6	ND(20)	ND(20)	ND(20)	14200	8510	273	10.5	250	ND(100)	18.9	0.410	NA	
	12/05/2007	97.37	32.98	ND	ND	64.39	11.7	ND(10)	ND(10)	ND(10)	8940	14000	275	8.1	148	ND(50)	5.54	0.211	NA	
	02/21/2008	97.37	32.74	ND	ND	64.63	7.2	ND(10)	ND(10)	ND(10)	2010	7710	222	5.2	42.9	ND(50)	2.98	0.205	NA	
	05/13/2008	97.37	30.54	ND	ND	66.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	14.9	ND(25)	24.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	09/03/2008	97.37	31.10	ND	ND	66.27	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	351	160	20.4	0.28	6.2	ND(5.0)	0.571	ND(0.10)	NA	
	11/24/2008	97.37	32.17	ND	ND	65.20	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	55.1	61.3	12.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.11)	NA	
	02/23/2009	97.37	32.27	ND	ND	65.10	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	40.1	ND(25)	2.7	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	05/29/2009	97.37	31.54	ND	ND	65.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1300	291	27.7	2.4	30.6	ND(5.0)	NA	NA	NA	
	07/20/2009	97.37	30.91	ND	ND	66.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.1	ND(25)	2.4	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/05/2009	97.37	31.05	ND	ND	66.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	39.5	NA	NA	NA	NA	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/29/2009	97.37	31.48	ND	ND	65.89	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.50 J	ND(25)	4.0 J	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	97.37	30.04	ND	ND	67.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	19.3	ND(25)	0.98	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	04/01/2010	97.37	28.58	ND	ND	68.79	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	6.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/30/2010	97.37	30.97	ND	ND	66.40	ND(5)	ND(5)	ND(5)	ND(5)	530	ND(80)	8	ND(5)	11	ND(5)	NA	NA	NA	
	12/14/2010	97.37	31.95	ND	ND	65.42	ND(5)	ND(5)	ND(5)	ND(5)	53	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	97.37	32.19	ND	ND	65.18	ND(5)	ND(5)	ND(5)	ND(5)	76	110	6	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	97.37	29.47	ND	ND	67.90	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	97.37	30.97	ND	ND	66.40	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	97.37	29.46	ND	ND	67.91	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	97.37	29.42	ND	ND	67.95	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	97.37	30.92	ND	ND	66.45	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	97.37	31.42	ND	ND	65.95	ND(5)	ND(5)	ND(5)	ND(5)	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	97.37	31.78	ND	ND	65.59	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	97.37	30.75	ND	ND	66.62	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	97.37	30.44	ND	ND	66.93	ND(5)	ND(5)	ND(5)	ND(5)	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	97.37	31.19	ND	ND	66.18	ND(5)	ND(5)	ND(5)	ND(5)	53	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-3	02/06/2007	96.18	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	06/28/2007	96.18	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/27/2007	96.18	8.06	ND	ND	88.12	ND(1.0)	3.4	ND(1.0)	ND(1.0)	1.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	0.710	NA	
	12/05/2007	96.18	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/2008	96.18	6.50	ND	ND	89.68	0.31	1.3	ND(1.0)	ND(1.0)	0.89	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	9.64	NA	
	05/13/2008	96.18	7.10	ND	ND	89.08	ND(1.0)	1.0	ND(1.0)	ND(1.0)	0.73	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	18.6	NA	
	09/03/2008	96.18	6.61	ND	ND	89.57	ND(1.0)	3.7	ND(1.0)	ND(1.0)	2.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	0.424	NA	
	11/24/2008	96.18	6.68	ND	ND	89.50	ND(1.0)	0.38	ND(1.0)	ND(1.0)	2.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	2.25	NA	
	02/23/2009	96.18	7.23	ND	ND	88.95	ND(1.0)	21.9	0.42	ND(1.0)	1.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	05/29/2009	96.18	6.41	ND	ND	89.77	ND(1.0)	1.4	ND(1.0)	0.28	1.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	07/20/2009	96.18	6.46	ND	ND	89.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.62	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/05/2009	96.18	6.61	ND	ND	89.57	ND(1.0)	0.91 J	ND(1.0)	ND(1.0)	1.6	NA	NA	NA	NA	ND(5.0)	ND(0.20)	0.217	NA	
	10/29/2009	96.18	7.14	ND	ND	89.04	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	NA	NA	
	01/27/2010	96.18	4.86	ND	ND	91.32	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)	NA	NA	NA	
	04/01/2010	96.18	6.80	ND	ND	89.38	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	NA	NA	
	08/30/2010	96.18	6.96	ND	ND	89.22	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	96.18	8.06	ND	ND	88.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	96.18	10.40	ND	ND	85.78	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	06/02/2011	96.18	8.67	ND	ND	87.51	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	96.18	9.85	ND	ND	86.33	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	96.18	10.50	ND	ND	85.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/29/2012	96.18	7.71	ND	ND	88.47	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	96.18	7.05	ND	ND	89.13	ND(5)	6	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	96.18	6.72	ND	ND	89.46	ND(5)	24	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	96.18	6.84	ND	ND	89.34	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	96.18	7.55	ND	ND	88.63	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	96.18	7.40	ND	ND	88.78	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	96.18	7.00	ND	ND	89.18	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-4	02/06/2007	96.12	28.37	ND	ND	67.75	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.0	ND(25)	1.8 J	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	06/28/2007	96.12	28.63	ND	ND	67.49	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.0	ND(25)	0.52	ND(5.0)	0.62	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	08/27/2007	96.12	29.92	ND	ND	66.20	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.3	ND(25)	0.48	ND(5.0)	0.56	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	12/05/2007	96.12	31.49	ND	ND	64.63	ND(1.0)	ND(1.0)	0.77 J	0.44 J	7.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	0.75 J	ND(0.20)	ND(0.11)	NA	
	02/21/2008	96.12	31.50	ND	ND	64.62	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	05/13/2008	96.12	29.40	ND	ND	66.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	0.143	NA	
	09/03/2008	96.12	29.66	ND	ND	66.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.94	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	11/24/2008	96.12	30.57	ND	ND	65.55	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.3	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	02/23/2009	96.12	30.79	ND	ND	65.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.9	ND(25)	ND(5.0)	ND(5.0)	0.78 J	ND(5.0)	NA	NA	NA	
	05/29/2009	96.12	30.00	ND	ND	66.12	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.1	ND(25)	ND(5.0)	ND(5.0)	0.98 J	ND(5.0)	NA	NA	NA	
	07/20/2009	96.12	29.38	ND	ND	66.74	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.2	ND(25)	ND(5.0)	ND(5.0)	0.96	ND(5.0)	NA	NA	NA	
	08/05/2009	96.12	29.44	ND	ND	66.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.2	NA	NA	NA	NA	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/29/2009	96.12	30.26	ND	ND	65.86	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	NA	NA	
	01/27/2010	96.12	28.65	ND	ND	67.47	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	NA	NA	
	04/01/2010	96.12	27.07	ND	ND	69.05	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	NA	NA	
	08/30/2010	96.12	29.10	ND	ND	67.02	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	96.12	30.35	ND	ND	65.77	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	96.12	30.75	ND	ND	65.37	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	96.12	27.86	ND	ND	68.26	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	96.12	29.27	ND	ND	66.85	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	96.12	28.01	ND	ND	68.11	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	96.12	27.82	ND	ND	68.30	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	96.12	29.17	ND	ND	66.95	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	96.12	29.76	ND	ND	66.36	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	96.12	30.34	ND	ND	65.78	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	96.12	29.30	ND	ND	66.82	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	96.12	29.04	ND	ND	67.08	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	96.12	29.77	ND	ND	66.35	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-5	02/06/2007	92.16	25.94	ND	ND	66.22	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	06/28/2007	92.16	25.52	ND	ND	66.64	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.39	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	08/27/2007	92.16	26.95	ND	ND	65.21	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(0.20)	ND(0.10)	NA	
	12/05/2007	92.16	28.60	ND	ND	63.56	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.50	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	02/21/2008	92.16	28.40	ND	ND	63.76	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.39	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	05/13/2008	92.16	26.83	ND	ND	65.33	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(0.20)	ND(0.10)	NA	
	09/03/2008	92.16	26.65	ND	ND	65.51	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(0.20)	ND(0.10)	NA	
	11/24/2008	92.16	27.64	ND	ND	64.52	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.57	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	02/23/2009	92.16	27.57	ND	ND	64.59	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	NA	NA	
	05/29/2009	92.16	27.10	ND	ND	65.06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.49	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	07/20/2009	92.16	26.28	ND	ND	65.88	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.27	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/05/2009	92.16	26.32	ND	ND	65.84	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	NA	NA	NA	NA	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/29/2009	92.16	27.29	ND	ND	64.87	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	NA	NA	
	01/27/2010	92.16	25.32	ND	ND	66.84	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.23 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	04/01/2010	92.16	23.92	ND	ND	68.24	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.28	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/30/2010	92.16	26.09	ND	ND	66.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	92.16	27.34	ND	ND	64.82	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	92.16	28.76	ND	ND	63.40	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	92.16	24.80	ND	ND	67.36	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	92.16	26.43	ND	ND	65.73	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	92.16	25.08	ND	ND	67.08	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	92.16	24.82	ND	ND	67.34	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	92.16	26.04	ND	ND	66.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	92.16	26.65	ND	ND	65.51	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	92.16	27.16	ND	ND	65.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	92.16	26.18	ND	ND	65.98	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	92.16	25.89	ND	ND	66.27	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	92.16	26.28	ND	ND	65.88	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

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Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-6	02/06/2007	93.35	23.15	ND	ND	70.20	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	06/28/2007	93.35	26.02	ND	ND	67.33	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(0.20)	ND(0.10)	NA	
	08/27/2007	93.35	27.23	ND	ND	66.12	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(0.20)	ND(0.10)	NA	
	12/05/2007	93.35	28.88	ND	ND	64.47	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.39	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	02/21/2008	93.35	28.75	ND	ND	64.60	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.36	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	05/13/2008	93.35	27.25	ND	ND	66.10	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(0.20)	ND(0.10)	NA	
	09/03/2008	93.35	26.91	ND	ND	66.44	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(0.20)	ND(0.10)	NA	
	11/24/2008	93.35	27.54	ND	ND	65.81	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(0.20)	ND(0.10)	NA	
	02/23/2009	93.35	27.86	ND	ND	65.49	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	NA	NA	
	05/29/2009	93.35	27.25	ND	ND	66.10	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	NA	NA	
	07/20/2009	93.35	26.55	ND	ND	66.80	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	NA	NA	
	08/05/2009	93.35	26.62	ND	ND	66.73	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	NA	NA	NA	NA	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/29/2009	93.35	27.48	ND	ND	65.87	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	NA	NA	
	01/27/2010	93.35	25.71	ND	ND	67.64	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	NA	NA	
	04/01/2010	93.35	24.13	ND	ND	69.22	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	NA	NA	
	08/30/2010	93.35	26.35	ND	ND	67.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	93.35	28.61	ND	ND	64.74	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	93.35	28.38	ND	ND	64.97	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	93.35	25.04	ND	ND	68.31	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	93.35	26.98	ND	ND	66.37	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	93.35	25.44	ND	ND	67.91	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	93.35	24.61	ND	ND	68.74	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	93.35	26.32	ND	ND	67.03	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	93.35	27.05	ND	ND	66.30	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	93.35	27.54	ND	ND	65.81	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	93.35	26.50	ND	ND	66.85	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	93.35	26.22	ND	ND	67.13	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	93.35	26.97	ND	ND	66.38	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-7	02/06/2007	97.45	30.58	ND	ND	66.87	ND(50)	ND(50)	ND(50)	ND(50)	30200	28900	146 J	ND(250)	674	ND(250)	32.6	ND(0.10)	NA	
	03/01/2007	97.45	30.54	ND	ND	66.91	ND(20)	ND(20)	ND(20)	ND(20)	37900	37000	159	11.9 J	615	ND(100)	NA	NA	NA	
	06/28/2007	97.45	30.24	ND	ND	67.21	ND(50)	ND(50)	ND(50)	ND(50)	29800	28600	327	ND(250)	548	ND(250)	27.8	0.219	NA	
	08/27/2007	97.45	31.64	ND	ND	65.81	ND(50)	ND(50)	ND(50)	ND(50)	36500	42100	283	28.2	649	ND(250)	39.3	ND(0.10)	NA	
	12/05/2007	97.45	33.03	ND	ND	64.42	ND(25)	ND(25)	ND(25)	ND(25)	30300	33300	263	18.4	463	ND(130)	16.2	ND(0.11)	NA	
	02/21/2008	97.45	32.81	ND	ND	64.64	ND(20)	ND(20)	ND(20)	ND(20)	13300	13200	156	13.0 J	276	ND(100)	16.0	ND(0.10)	NA	
	05/13/2008	97.45	30.91	ND	ND	66.54	ND(10)	ND(10)	ND(10)	ND(10)	5360	4020	60.0	4.8	90.0	ND(50)	5.59	ND(0.10)	NA	
	09/03/2008	97.45	31.16	ND	ND	66.29	ND(10)	ND(10)	ND(10)	ND(10)	4970	3280	48.1	5.0	92.0	ND(50)	6.01	ND(0.10)	NA	
	11/24/2008	97.45	32.22	ND	ND	65.23	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	3530	2210	42.9	4.4	55.5	ND(25)	3.79	ND(0.10)	NA	
	02/23/2009	97.45	32.34	ND	ND	65.11	ND(10)	ND(10)	ND(10)	ND(10)	3020	953	44.2 J	4.8 J	57.6	ND(50)	NA	NA	NA	
	05/29/2009	97.45	31.67	ND	ND	65.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	47.8	2.9	3.3	ND(5.0)	0.92	ND(5.0)	NA	NA	NA	
	07/20/2009	97.45	31.04	ND	ND	66.41	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	571	37.9	8.7	0.67	10.1	ND(5.0)	NA	NA	NA	
	08/05/2009	97.45	31.22	ND	ND	66.23	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	690	NA	NA	NA	NA	ND(5.0)	0.381	ND(0.10)	NA	
	10/29/2009	97.45	31.73	ND	ND	65.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	10.6	ND(25)	1.1 J	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	97.45	30.19	ND	ND	67.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	241	33.8	8.2	0.49	3.8	ND(5.0)	NA	NA	NA	
	04/01/2010	97.45	28.66	ND	ND	68.79	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	80.3	ND(25)	2.6 J	ND(5.0)	1.4 J	ND(5.0)	NA	NA	NA	
	08/30/2010	97.45	39.92	ND	ND	57.53	ND(5)	ND(5)	ND(5)	ND(5)	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	97.45	32.03	ND	ND	65.42	ND(5)	ND(5)	ND(5)	ND(5)	99	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	97.45	32.42	ND	ND	65.03	ND(5)	ND(5)	ND(5)	ND(5)	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	97.45	29.53	ND	ND	67.92	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	97.45	31.06	ND	ND	66.39	ND(5)	ND(5)	ND(5)	ND(5)	140	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	97.45	29.56	ND	ND	67.89	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	97.45	29.76	ND	ND	67.69	ND(5)	ND(5)	ND(5)	ND(5)	31	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	97.45	31.02	ND	ND	66.43	ND(5)	ND(5)	ND(5)	ND(5)	170	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	97.45	31.53	ND	ND	65.92	ND(5)	ND(5)	ND(5)	ND(5)	190	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	97.45	31.46	ND	ND	65.99	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	97.45	30.49	ND	ND	66.96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	97.45	30.17	ND	ND	67.28	ND(5)	ND(5)	ND(5)	ND(5)	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-7	09/04/2013	97.45	30.76	ND	ND	66.69	ND(5)	ND(5)	ND(5)	ND(5)	52	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

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1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-8	02/06/2007	98.50	31.78	ND	ND	66.72	ND(50)	ND(50)	ND(50)	ND(50)	21200	2690	95.6	ND(250)	586	ND(250)	18.8	ND(0.10)	NA	
	03/01/2007	98.50	31.71	ND	ND	66.79	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	7200	1340	37.4	ND(25)	157	ND(25)	NA	NA	NA	
	06/28/2007	98.50	31.56	ND	ND	66.94	ND(50)	ND(50)	ND(50)	ND(50)	16400	3120	83 J	ND(250)	295	ND(250)	12.6	ND(0.10)	NA	
	08/27/2007	98.50	32.69	ND	ND	65.81	ND(10)	ND(10)	ND(10)	ND(10)	9370	1580	62.8	2.6 J	197	ND(50)	10.0	ND(0.11)	NA	
	12/05/2007	98.50	34.80	ND	ND	63.70	ND(50)	ND(50)	ND(50)	ND(50)	12700	1460	70.4 J	ND(250)	197 J	ND(250)	6.65	0.455	NA	
	02/21/2008	98.50	34.28	ND	ND	64.22	ND(10)	ND(10)	ND(10)	ND(10)	9170	1520	92.3	4.3	207	ND(50)	11.2	0.198	NA	
	05/13/2008	98.50	32.46	ND	ND	66.04	ND(10)	ND(10)	ND(10)	ND(10)	7580	803	59.6	3.8 J	141	ND(50)	7.58	ND(0.10)	NA	
	09/03/2008	98.50	32.49	ND	ND	66.01	ND(10)	ND(10)	ND(10)	ND(10)	3730	247 J	23.5 J	ND(50)	69.1	ND(50)	4.11	ND(0.10)	NA	
	11/24/2008	98.50	33.41	ND	ND	65.09	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	3660	122 J	29.2	2.2 J	67.8	ND(25)	3.58	ND(0.10)	NA	
	02/23/2009	98.50	33.51	ND	ND	64.99	ND(10)	ND(10)	ND(10)	ND(10)	3170	219	27.8	2.8	75.5	ND(50)	NA	NA	NA	
	05/29/2009	98.50	32.80	ND	ND	65.70	ND(10)	ND(10)	ND(10)	ND(10)	1490	68.2 J	16.4 J	ND(50)	34.2 J	ND(50)	NA	NA	NA	
	07/20/2009	98.50	32.18	ND	ND	66.32	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	1040	ND(130)	8.3 J	ND(25)	20.9 J	ND(25)	NA	NA	NA	
	08/05/2009	98.50	32.20	ND	ND	66.30	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1670	NA	NA	NA	NA	ND(5.0)	0.810	ND(0.10)	NA	
	10/29/2009	98.50	32.97	ND	ND	65.53	ND(10)	ND(10)	ND(10)	ND(10)	2620	ND(250)	23.1 J	ND(50)	55.7	ND(50)	NA	NA	NA	
	01/27/2010	98.50	31.37	ND	ND	67.13	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	60.2	ND(25)	0.73	ND(5.0)	1.2	ND(5.0)	NA	NA	NA	
	04/01/2010	98.50	29.85	ND	ND	68.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	671	ND(25)	7.3	0.72	14.9	ND(5.0)	NA	NA	NA	
	08/30/2010	98.50	32.07	ND	ND	66.43	ND(5)	ND(5)	ND(5)	ND(5)	75	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	98.50	33.25	ND	ND	65.25	ND(5)	ND(5)	ND(5)	ND(5)	850	ND(80)	11	ND(5)	19	ND(5)	NA	NA	NA	
	03/02/2011	98.50	33.63	ND	ND	64.87	ND(5)	ND(5)	ND(5)	ND(5)	260	ND(80)	ND(5)	ND(5)	5	ND(5)	NA	NA	NA	
	06/02/2011	98.50	30.80	ND	ND	67.70	ND(5)	ND(5)	ND(5)	ND(5)	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	98.50	32.51	ND	ND	65.99	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	98.50	31.07	ND	ND	67.43	ND(5)	ND(5)	ND(5)	ND(5)	21	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	98.50	31.00	ND	ND	67.50	ND(5)	ND(5)	ND(5)	ND(5)	23	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	98.50	32.11	ND	ND	66.39	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	98.50	32.66	ND	ND	65.84	ND(5)	ND(5)	ND(5)	ND(5)	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	98.50	32.89	ND	ND	65.61	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	98.50	31.86	ND	ND	66.64	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	480	
	04/23/2013	98.50	32.04	ND	ND	66.46	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-8	05/17/2013	98.50	31.54	ND	ND	66.96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	98.50	32.31	ND	ND	66.19	ND(5)	ND(5)	ND(5)	ND(5)	40	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
MW-9	02/06/2007	99.14	32.36	ND	ND	66.78	2.2	0.90 J	14.0	3.2	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	9.8	0.844	0.286	NA	
	06/28/2007	99.14	32.17	ND	ND	66.97	0.53 J	ND(1.0)	ND(1.0)	ND(1.0)	8.3	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.351	ND(0.10)	NA	
	08/27/2007	99.14	33.23	ND	ND	65.91	1.5	0.82 J	19.6	6.2	9.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	11.0	0.796	0.361	NA	
	12/05/2007	99.14	34.77	ND	ND	64.37	2.1	0.81 J	33.9	0.97 J	12.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	5.3	0.858	0.359	NA	
	02/21/2008	99.14	34.81	ND	ND	64.33	1.1	0.62 J	23.4	1.0	10.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	5.0	0.809	0.297	NA	
	05/13/2008	99.14	33.10	ND	ND	66.04	0.66 J	ND(1.0)	6.0	ND(1.0)	8.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.452	0.241	NA	
	09/03/2008	99.14	32.97	ND	ND	66.17	0.30 J	ND(1.0)	2.0	ND(1.0)	6.7	ND(25)	ND(5.0)	ND(5.0)	0.98 J	ND(5.0)	0.398	0.123	NA	
	11/24/2008	99.14	33.93	ND	ND	65.21	0.41 J	ND(1.0)	3.9	ND(1.0)	6.2	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.467	0.214	NA	
	02/23/2009	99.14	34.08	ND	ND	65.06	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)	NA	NA	NA	
	05/29/2009	99.14	33.34	ND	ND	65.80	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	07/20/2009	99.14	32.69	ND	ND	66.45	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.3	ND(25)	ND(5.0)	ND(5.0)	0.58 J	ND(5.0)	NA	NA	NA	
	08/05/2009	99.14	32.71	ND	ND	66.43	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	6.5	NA	NA	NA	NA	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/29/2009	99.14	33.42	ND	ND	65.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	99.14	31.99	ND	ND	67.15	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	04/01/2010	99.14	30.41	ND	ND	68.73	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/30/2010	99.14	32.70	ND	ND	66.44	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	99.14	33.82	ND	ND	65.32	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	99.14	34.24	ND	ND	64.90	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	99.14	31.39	ND	ND	67.75	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	99.14	32.97	ND	ND	66.17	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	99.14	32.75	ND	ND	66.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	99.14	33.23	ND	ND	65.91	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	99.14	33.45	ND	ND	65.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	99.14	32.41	ND	ND	66.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	99.14	32.13	ND	ND	67.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	99.14	32.75	ND	ND	66.39	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-10	02/06/2007	100.04	34.48	ND	ND	65.56	ND(1.0)	ND(1.0)	0.50 J	ND(1.0)	11.3	ND(25)	ND(5.0)	ND(5.0)	4.0 J	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	06/28/2007	100.14	33.25	ND	ND	66.89	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	9.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	08/27/2007	100.14	34.36	ND	ND	65.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	8.1	ND(25)	ND(5.0)	ND(5.0)	1.9 J	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	12/05/2007	100.14	35.81	ND	ND	64.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.8	ND(25)	ND(5.0)	ND(5.0)	1.6 J	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	02/21/2008	100.14	35.85	ND	ND	64.29	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.0	ND(25)	ND(5.0)	ND(5.0)	0.45 J	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	05/13/2008	100.14	34.29	ND	ND	65.85	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.1	ND(25)	ND(5.0)	ND(5.0)	0.94 J	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	09/03/2008	100.14	34.08	ND	ND	66.06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	11/24/2008	100.14	34.99	ND	ND	65.15	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.11)	NA	
	02/23/2009	100.14	35.13	ND	ND	65.01	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	05/29/2009	100.14	34.42	ND	ND	65.72	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)	NA	NA	NA	
	07/20/2009	100.14	33.80	ND	ND	66.34	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)	NA	NA	NA	
	08/05/2009	100.14	33.81	ND	ND	66.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.1	NA	NA	NA	NA	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/29/2009	100.14	34.59	ND	ND	65.55	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.2	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	100.14	33.04	ND	ND	67.10	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)	NA	NA	NA	
	04/01/2010	100.14	31.49	ND	ND	68.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/30/2010	100.14	33.83	ND	ND	66.31	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	100.14	34.86	ND	ND	65.28	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	100.14	35.25	ND	ND	64.89	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	100.14	32.50	ND	ND	67.64	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	100.14	33.97	ND	ND	66.17	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	100.14	33.87	ND	ND	66.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	100.14	34.32	ND	ND	65.82	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	100.14	34.51	ND	ND	65.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	100.14	33.53	ND	ND	66.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	100.14	33.20	ND	ND	66.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	100.14	33.81	ND	ND	66.33	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

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8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-11	02/06/2007	95.95	29.34	ND	ND	66.61	ND(1.0)	0.90 J	58.2	62.7	11.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	49.5	2.18	1.49	NA	
	06/28/2007	95.98	29.01	ND	ND	66.97	ND(1.0)	ND(1.0)	1.5	0.71 J	3.5	ND(25)	1.0 J	ND(5.0)	ND(5.0)	ND(5.0)	0.267	0.235	NA	
	08/27/2007	95.98	29.64	ND	ND	66.34	ND(1.0)	1.8	24.7	24.8	2.3	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	21.6	1.36	1.07	NA	
	12/05/2007	95.98	31.39	ND	ND	64.59	ND(1.0)	ND(1.0)	ND(1.0)	1.8	5.8	10.7 J	2.9 J	ND(5.0)	ND(5.0)	7.3	0.291	0.611	NA	
	02/21/2008	95.98	31.44	ND	ND	64.54	ND(1.0)	ND(1.0)	0.94 J	1.6	3.6	ND(25)	2.2 J	ND(5.0)	ND(5.0)	1.6 J	0.339	0.606	NA	
	05/13/2008	95.98	29.84	ND	ND	66.14	ND(1.0)	ND(1.0)	0.72 J	1.5	2.3	ND(25)	1.0 J	ND(5.0)	ND(5.0)	3.1 J	0.281	0.366	NA	
	09/03/2008	95.98	29.50	ND	ND	66.48	ND(1.0)	0.49 J	6.3	19.4	2.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	10.6	1.85	1.33	NA	
	11/24/2008	95.98	30.52	ND	ND	65.46	ND(1.0)	ND(1.0)	6.2	10.7	2.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	17.7	1.13	1.03	NA	
	02/23/2009	95.98	30.80	ND	ND	65.18	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.7	ND(25)	0.97 J	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	05/29/2009	95.98	29.99	ND	ND	65.99	ND(1.0)	ND(1.0)	0.95 J	0.95 J	1.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.1 J	NA	NA	NA	
	07/20/2009	95.98	29.18	ND	ND	66.80	ND(1.0)	ND(1.0)	1.3	0.73 J	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	4.3 J	NA	NA	NA	
	08/05/2009	95.98	29.41	ND	ND	66.57	ND(1.0)	ND(1.0)	0.70 J	2.5	1.7	NA	NA	NA	NA	5.3	0.378	0.465	NA	
	10/29/2009	95.98	30.27	ND	ND	65.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	95.98	28.75	ND	ND	67.23	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	04/01/2010	95.98	27.20	ND	ND	68.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/30/2010	95.98	29.31	ND	ND	66.67	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	95.98	30.55	ND	ND	65.43	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	95.98	31.73	ND	ND	64.25	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	95.98	28.21	ND	ND	67.77	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	95.98	29.75	ND	ND	66.23	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	95.98	29.61	ND	ND	66.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	95.98	29.90	ND	ND	66.08	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	95.98	30.39	ND	ND	65.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	95.98	29.40	ND	ND	66.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	95.98	29.15	ND	ND	66.83	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	95.98	29.38	ND	ND	66.60	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

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		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-12	05/29/2009	97.31	31.54	ND	ND	65.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3620	170	24.1	1.2 J	110	ND(5.0)	NA	NA	NA	S.I. = 20-50 ft-bgs
	07/20/2009	97.31	30.91	ND	ND	66.40	ND(10)	ND(10)	ND(10)	ND(10)	4010	411	21.5 J	ND(50)	96.9	ND(50)	NA	NA	NA	
	08/05/2009	97.31	31.01	ND	ND	66.30	ND(10)	ND(10)	ND(10)	ND(10)	3700	NA	NA	NA	NA	ND(50)	1.29	ND(0.10)	NA	
	10/29/2009	97.31	31.69	ND	ND	65.62	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	612	ND(25)	9.1	ND(5.0)	14.8	ND(5.0)	NA	NA	NA	
	01/27/2010	97.31	30.12	ND	ND	67.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	572	ND(25)	5.8	0.31 J	13.1	ND(5.0)	NA	NA	NA	
	04/01/2010	97.31	28.63	ND	ND	68.68	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	1550	ND(63)	10.5 J	ND(13)	34.5	ND(13)	NA	NA	NA	
	08/30/2010	97.31	31.82	ND	ND	65.49	ND(5)	ND(5)	ND(5)	ND(5)	1800	ND(80)	13	ND(5)	40	ND(5)	NA	NA	NA	
	12/14/2010	97.31	31.91	ND	ND	65.40	ND(5)	ND(5)	ND(5)	ND(5)	700	ND(80)	12	ND(5)	19	ND(5)	NA	NA	NA	
	03/02/2011	97.31	32.37	ND	ND	64.94	ND(5)	ND(5)	ND(5)	ND(5)	2000	ND(80)	12	ND(5)	50	ND(5)	NA	NA	NA	
	06/02/2011	97.31	29.53	ND	ND	67.78	ND(10)	ND(10)	ND(10)	ND(10)	830	ND(160)	ND(10)	ND(10)	18	ND(10)	NA	NA	NA	
	09/07/2011	97.31	31.69	ND	ND	65.62	ND(5)	ND(5)	ND(5)	ND(5)	820	ND(80)	8	ND(5)	21	ND(5)	NA	NA	NA	
	11/09/2011	97.31	29.85	ND	ND	67.46	ND(5)	ND(5)	ND(5)	ND(5)	470	ND(80)	ND(5)	ND(5)	13	ND(5)	NA	NA	NA	
	02/29/2012	97.31	29.08	ND	ND	68.23	ND(5)	ND(5)	ND(5)	ND(5)	480	ND(80)	ND(5)	ND(5)	10	ND(5)	NA	NA	NA	
	05/24/2012	97.31	31.14	ND	ND	66.17	ND(10)	ND(10)	ND(10)	ND(10)	810	ND(160)	ND(10)	ND(10)	21	ND(10)	NA	NA	NA	
	08/16/2012	97.31	31.41	ND	ND	65.90	ND(5)	ND(5)	ND(5)	ND(5)	540	ND(80)	ND(5)	ND(5)	14	ND(5)	NA	NA	NA	
	11/28/2012	97.31	31.86	ND	ND	65.45	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	97.31	30.85	ND	ND	66.46	ND(5)	ND(5)	ND(5)	ND(5)	200	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	97.31	30.57	ND	ND	66.74	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	97.31	31.13	ND	ND	66.18	ND(5)	ND(5)	ND(5)	ND(5)	230	ND(80)	ND(5)	ND(5)	5	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-13	05/29/2009	97.93	32.23	ND	ND	65.70	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	297	28.6	9.0	ND(5.0)	5.7	ND(5.0)	NA	NA	NA	S.I.= 20-50 ft-bgs
	07/20/2009	97.93	31.62	ND	ND	66.31	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	261	ND(25)	7.8	0.33 J	4.4 J	ND(5.0)	NA	NA	NA	
	08/05/2009	97.93	31.70	ND	ND	66.23	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	733	NA	NA	NA	NA	ND(5.0)	0.371	ND(0.10)	NA	
	10/29/2009	97.93	32.42	ND	ND	65.51	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	121	ND(25)	3.0 J	ND(5.0)	1.9 J	ND(5.0)	NA	NA	NA	
	01/27/2010	97.93	30.82	ND	ND	67.11	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	88.2	ND(25)	2.2 J	ND(5.0)	1.5 J	ND(5.0)	NA	NA	NA	
	04/01/2010	97.93	29.26	ND	ND	68.67	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	181	ND(25)	2.9 J	ND(5.0)	3.7 J	ND(5.0)	NA	NA	NA	
	08/30/2010	97.93	31.50	ND	ND	66.43	ND(5)	ND(5)	ND(5)	ND(5)	34	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/14/2010	97.93	32.69	ND	ND	65.24	ND(5)	ND(5)	ND(5)	ND(5)	170	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	97.93	33.13	ND	ND	64.80	ND(5)	ND(5)	ND(5)	ND(5)	24	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	97.93	30.21	ND	ND	67.72	ND(5)	ND(5)	ND(5)	ND(5)	27	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	97.93	31.87	ND	ND	66.06	ND(5)	ND(5)	ND(5)	ND(5)	25	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/09/2011	97.93	30.53	ND	ND	67.40	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	97.93	30.42	ND	ND	67.51	ND(5)	ND(5)	ND(5)	ND(5)	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	97.93	31.66	ND	ND	66.27	ND(5)	ND(5)	ND(5)	ND(5)	47	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	97.93	32.11	ND	ND	65.82	ND(5)	ND(5)	ND(5)	ND(5)	66	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	97.93	32.57	ND	ND	65.36	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	97.93	31.55	ND	ND	66.38	ND(5)	ND(5)	ND(5)	ND(5)	33	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	97.93	31.24	ND	ND	66.69	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	97.93	32.05	ND	ND	65.88	ND(5)	ND(5)	ND(5)	ND(5)	60	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-14	05/29/2009	97.11	32.40	ND	ND	64.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1730	12.3 J	26.4	1.0 J	43.9	ND(5.0)	NA	NA	NA	S.I. = 20-50 ft-bgs
	07/20/2009	97.11	31.76	ND	ND	65.35	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	1910	ND(130)	18.7 J	ND(25)	34.0	ND(25)	NA	NA	NA	
	08/05/2009	97.11	31.33	ND	ND	65.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1200	NA	NA	NA	NA	ND(5.0)	0.623	ND(0.10)	NA	
	10/29/2009	97.11	32.60	ND	ND	64.51	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	1070	ND(50)	12.8	ND(10)	18.4	ND(10)	NA	NA	NA	
	01/27/2010	97.11	30.98	ND	ND	66.13	ND(10)	ND(10)	ND(10)	ND(10)	2760	ND(250)	20.8 J	ND(50)	49.2 J	ND(50)	NA	NA	NA	
	04/01/2010	97.11	29.42	ND	ND	67.69	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	267	ND(25)	5.0	ND(5.0)	5.7	ND(5.0)	NA	NA	NA	
	08/30/2010	97.11	31.69	ND	ND	65.42	ND(5)	ND(5)	ND(5)	ND(5)	1500	ND(80)	15	ND(5)	31	ND(5)	NA	NA	NA	
	12/14/2010	97.11	32.85	ND	ND	64.26	ND(10)	ND(10)	ND(10)	ND(10)	1500	ND(160)	14	ND(10)	33	ND(10)	NA	NA	NA	
	03/02/2011	97.11	33.26	ND	ND	63.85	ND(5)	ND(5)	ND(5)	ND(5)	500	ND(80)	ND(5)	ND(5)	12	ND(5)	NA	NA	NA	
	06/02/2011	97.11	30.36	ND	ND	66.75	ND(5)	ND(5)	ND(5)	ND(5)	96	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	09/07/2011	97.11	32.10	ND	ND	65.01	ND(5)	ND(5)	ND(5)	ND(5)	410	ND(80)	5	ND(5)	9	ND(5)	NA	NA	NA	
	11/09/2011	97.11	30.63	ND	ND	66.48	ND(5)	ND(5)	ND(5)	ND(5)	65	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	02/29/2012	97.11	30.50	ND	ND	66.61	ND(5)	ND(5)	ND(5)	ND(5)	23	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	97.11	31.81	ND	ND	65.30	ND(5)	ND(5)	ND(5)	ND(5)	18	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	08/16/2012	97.11	32.27	ND	ND	64.84	ND(5)	ND(5)	ND(5)	ND(5)	19	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	97.11	32.61	ND	ND	64.50	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/26/2013	97.11	31.64	ND	ND	65.47	ND(5)	ND(5)	ND(5)	ND(5)	130	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	05/17/2013	97.11	31.33	ND	ND	65.78	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/04/2013	97.11	32.14	ND	ND	64.97	ND(5)	ND(5)	ND(5)	ND(5)	48	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
MW-15	03/02/2011	101.11	36.55	ND	ND	64.56	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.050)	NA	NA	
	06/02/2011	101.11	34.36	ND	ND	66.75	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	S.I. = 50-80 ft-bgs
	09/07/2011	101.11	38.06	ND	ND	63.05	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	101.11	34.65	ND	ND	66.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	101.11	35.57	ND	ND	65.54	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	101.11	35.92	ND	ND	65.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	101.11	34.96	ND	ND	66.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	101.11	34.65	ND	ND	66.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	101.11	35.23	ND	ND	65.88	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
MW-16	03/02/2011	100.64	36.22	ND	ND	64.42	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.050)	NA	NA	
	06/02/2011	100.64	32.80	ND	ND	67.84	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	S.I. 50-80 ft-bgs
	09/07/2011	100.64	35.41	ND	ND	65.23	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	05/24/2012	100.64	34.32	ND	ND	66.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	100.64	35.16	ND	ND	65.48	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	11/28/2012	100.64	33.54	ND	ND	67.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	100.64	34.52	ND	ND	66.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	100.64	34.21	ND	ND	66.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	100.64	34.75	ND	ND	65.89	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
TF-1R	06/28/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/27/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/05/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/13/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/03/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/24/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/23/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/29/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	07/20/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/05/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/29/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	01/27/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/29/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	04/01/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	06/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/07/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/09/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/29/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/24/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/28/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

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February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
TF-2R	06/28/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/27/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/05/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/13/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/03/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/24/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/23/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/29/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	07/20/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/05/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/29/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	01/27/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/29/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	04/01/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	06/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/07/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/09/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/29/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/24/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/28/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
TF-3R	06/28/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/27/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/05/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/13/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/03/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/24/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/23/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/29/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	07/20/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/05/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/29/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	01/27/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/29/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	04/01/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	06/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/07/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/09/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/29/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/24/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/28/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

		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)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Naph-thalene (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)	Ethanol (µg/L)	Comments
TF-4R	06/28/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/27/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/05/2007	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/21/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/13/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/03/2008	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/24/2008	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/23/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/29/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	07/20/2009	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/05/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/29/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	01/27/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/29/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	04/01/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2010	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	06/02/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/07/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/09/2011	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/29/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/24/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	08/16/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/28/2012	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/26/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	05/17/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/04/2013	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

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1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 6, 2007 through September 4, 2013

Notes:

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

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Table 2

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through September 4, 2013

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
3501 Urbana	03/16/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.14	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/11/2011	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)	
3501 Duplicate	03/16/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.15	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
3509 Urbana	01/11/2011	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)	
3513 Urbana	03/19/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
3513 Duplicate	03/19/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
3514 Urbana	02/23/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	746	ND(5.0)	11.7	ND(0.50)	3.5	ND(0.50)	
	03/05/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	437	11.9	13.0	ND(0.50)	3.9	ND(0.50)	
3514 Urbana PE	03/07/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	08/30/2010	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)	
	12/09/2010	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)	
	01/11/2011	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)	
	06/02/2011	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)	
	09/07/2011	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)	
	11/09/2011	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)	
	02/29/2012	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)	
	05/29/2012	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)	
	08/17/2012	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)	
	11/28/2012	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)	
	02/26/2013	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)	
	05/17/2013	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)	
	09/04/2013	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)	
3514 PE Duplicate	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

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Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through September 4, 2013

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
3514 Urbana PM	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	08/30/2010	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)	
	12/09/2010	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)	
	01/11/2011	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)	
	06/02/2011	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)	
	09/07/2011	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)	
	11/09/2011	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)	
	02/29/2012	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)	
	05/29/2012	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)	
	08/17/2012	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)	
	11/28/2012	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)	
	02/26/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.5	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	05/17/2013	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)	
	09/04/2013	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 (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through September 4, 2013

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
3514 Urbana PI	03/07/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	416	21.2	12.6	ND(0.50)	4.3	ND(0.50)	
	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	441	67.6	9.8	ND(0.50)	3.1	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	395	ND(5.0)	8.1	ND(0.50)	2.6	ND(0.50)	
	10/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	3.1	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	242	ND(5.0)	5.3	ND(0.50)	2.3	ND(0.50)	
	08/30/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	180	ND(25)	4.8	ND(0.5)	2.7	ND(0.5)	
	12/09/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	220	ND(25)	5.3	ND(0.5)	2.7	ND(0.5)	
	01/11/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	230	ND(25)	5.1	ND(0.5)	2.5	ND(0.5)	
	06/02/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	35	ND(25)	0.8	ND(0.5)	1.4	ND(0.5)	
	09/07/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	140	ND(25)	3.0	ND(0.5)	2.0	ND(0.5)	
	11/09/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	230	ND(25)	5.6	ND(0.5)	2.7	ND(0.5)	
	02/29/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	22	ND(25)	ND(0.5)	ND(0.5)	0.9	ND(0.5)	
	05/29/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	08/17/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	7.3	ND(25)	ND(0.5)	ND(0.5)	0.6	ND(0.5)	
	11/28/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	02/26/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	05/17/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/04/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
3519 Urbana	03/17/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.36	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/11/2011	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)	
3519 Duplicate	03/17/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.34	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
3524 Urbana	03/16/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.25	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/11/2011	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)	
3526 Urbana PE	02/23/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
3526 Urbana PI	02/23/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
3528 Urbana	02/23/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	03/02/2011	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)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through September 4, 2013

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
8826 Fingrbrd	03/05/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	123	3.1 J	2.1	ND(0.50)	2.1	ND(0.50)	
8826 Fingrbrd PE	03/07/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	10/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.1	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	05/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	08/30/2010	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)	
	12/09/2010	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)	
	01/11/2011	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)	
	06/02/2011	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)	
	09/07/2011	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)	
	11/09/2011	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)	
	02/29/2012	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)	
	05/29/2012	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)	
	08/17/2012	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)	
	11/28/2012	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	02/26/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	05/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	09/04/2013	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)	
8826 PE Duplicate	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	14.9	ND(5.0)	0.23 J	ND(0.50)	0.24 J	ND(0.50)	
	05/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
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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
8826 Fingrbrd PM	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	10/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	05/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	08/30/2010	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)	
	12/09/2010	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)	
	01/11/2011	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)	
	06/02/2011	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)	
	09/07/2011	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)	
	11/09/2011	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)	
	02/29/2012	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)	
	05/29/2012	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)	
	08/17/2012	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)	
	11/28/2012	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	02/26/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	05/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	09/04/2013	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 (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through September 4, 2013

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
8826 Fingrbrd PI	03/07/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	194	7.4	3.6	ND(0.50)	2.4	ND(0.50)	
	04/14/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	91.2	15.8	1.4	ND(0.50)	1.7	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	133	ND(5.0)	2.0	ND(0.50)	1.8	ND(0.50)	
	10/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	92.1	ND(5.0)	1.3	ND(0.50)	1.5	ND(0.50)	
	05/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	35.8	ND(5.0)	0.82	ND(0.50)	1.5	ND(0.50)	
	08/30/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	0.9	ND(0.5)	
	12/09/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	54	ND(25)	0.8	ND(0.5)	1.1	ND(0.5)	
	01/11/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	17	ND(25)	ND(0.5)	ND(0.5)	0.6	ND(0.5)	
	06/02/2011	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)	
	09/07/2011	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)	
	11/09/2011	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)	
	02/29/2012	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)	
	05/29/2012	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)	
	08/17/2012	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)	
	11/28/2012	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	02/26/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	05/17/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Owner Unresponsive to Request
	09/04/2013	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)	
8995B UrbChurch	03/17/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through September 4, 2013

Notes:

µg/L - micrograms per liter (µg/L)
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
DIPE - Di-Isopropyl Ether
ETBE - Ethyl Tertiary Butyl Ether
J - Indicates an estimated value
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NS - Not sampled
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol

Table 3

Potable Well (On-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 2, 2007 through September 4, 2013

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
PW-1	02/02/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.89	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	08/17/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.5	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/01/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	2.1	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	02/21/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	2.4	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	05/13/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	2.9	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	09/03/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	3.8	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	3.2	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	02/23/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	3.0	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	05/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	3.3	ND(5.0)	ND(0.50)	ND(0.50)	0.17 J	ND(0.50)	
	07/20/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	4.3	ND(5.0)	ND(0.50)	ND(0.50)	0.20 J	ND(0.50)	
	09/17/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	2.0	NA	NA	NA	NA	ND(0.50)	
	10/29/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	2.1	ND(5.0)	ND(0.50)	ND(0.50)	0.23 J	ND(0.50)	
	01/27/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.7	ND(5.0)	ND(0.50)	ND(0.50)	0.19 J	ND(0.50)	
	04/01/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.7	ND(5.0)	ND(0.50)	ND(0.50)	0.20 J	ND(0.50)	
	08/30/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	3.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/09/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	01/11/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/02/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/07/2011	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)	
	11/09/2011	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)	
	02/29/2012	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)	
	05/29/2012	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)	
	08/17/2012	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)	
	11/28/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.5	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	02/26/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.6	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	05/17/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/04/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 3 (Continued)

Potable Well (On-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 2, 2007 through September 4, 2013

Notes:

µg/L - micrograms per liter (µg/L)
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
DIPE - Di-Isopropyl Ether
ETBE - Ethyl Tertiary Butyl Ether
J - Indicates an estimated value
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NS - Not sampled
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

APPENDIX A:
Lancaster Laboratories Analysis Report –Monitoring Wells
(September 4, 2013)

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

September 13, 2013

Project: Southside Oil 26463

Submittal Date: 09/05/2013
Group Number: 1416732
PO Number: 51141-227508
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-1 Water	7187128
MW-2 Water	7187129
MW-3 Water	7187130
MW-4 Water	7187131
MW-5 Water	7187132
MW-6 Water	7187133
MW-7 Water	7187134
MW-8 Water	7187135
MW-9 Water	7187136
MW-10 Water	7187137
MW-11 Water	7187138
MW-12 Water	7187139
MW-13 Water	7187140
MW-14 Water	7187141
MW-15 Water	7187142
MW-16 Water	7187143

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

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC	Kleinfelder	Attn: Charlie Low

COPY TO

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

Sample Description: MW-1 Water
Southside Oil 26463

LL Sample # WW 7187128
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 08:05 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26401

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**11**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-1 Water
Southside Oil 26463

LL Sample # WW 7187128
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 08:05 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26401

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 11:09	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 11:09	Linda C Pape	1

Sample Description: MW-2 Water
Southside Oil 26463

LL Sample # WW 7187129
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 12:20 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26402

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**53**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-2 Water
Southside Oil 26463

LL Sample # WW 7187129
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 12:20 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26402

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 11:32	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 11:32	Linda C Pape	1

Sample Description: MW-3 Water
Southside Oil 26463

LL Sample # WW 7187130
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:25 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26403

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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 Water
Southside Oil 26463

LL Sample # WW 7187130
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:25 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26403

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 11:56	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 11:56	Linda C Pape	1

Sample Description: MW-4 Water
Southside Oil 26463

LL Sample # WW 7187131
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 12:00 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26404

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	**Bromodichloromethane**	75-27-4	**9**	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	**50**	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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-4 Water
Southside Oil 26463

LL Sample # WW 7187131
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 12:00 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26404

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 12:20	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 12:20	Linda C Pape	1

Sample Description: MW-5 Water
Southside Oil 26463

LL Sample # WW 7187132
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 07:55 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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-5 Water
Southside Oil 26463

LL Sample # WW 7187132
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 07:55 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26405

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 12:44	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 12:44	Linda C Pape	1

Sample Description: MW-6 Water
Southside Oil 26463

LL Sample # WW 7187133
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 07:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26406

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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-6 Water
Southside Oil 26463

LL Sample # WW 7187133
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 07:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26406

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 13:08	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 13:08	Linda C Pape	1

Sample Description: MW-7 Water
Southside Oil 26463

LL Sample # WW 7187134
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 12:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26407

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**52**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-7 Water
Southside Oil 26463

LL Sample # WW 7187134
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 12:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26407

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 13:33	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 13:33	Linda C Pape	1

Sample Description: MW-8 Water
Southside Oil 26463

LL Sample # WW 7187135
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 08:30 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26408

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**40**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-8 Water
Southside Oil 26463

LL Sample # WW 7187135
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 08:30 by CC

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

26408

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 13:57	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 13:57	Linda C Pape	1

Sample Description: MW-9 Water
Southside Oil 26463

LL Sample # WW 7187136
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 13:25 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26409

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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 Water
Southside Oil 26463

LL Sample # WW 7187136
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 13:25 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26409

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 14:21	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 14:21	Linda C Pape	1

Sample Description: MW-10 Water
Southside Oil 26463

LL Sample # WW 7187137
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 13:45 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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-10 Water
Southside Oil 26463

LL Sample # WW 7187137
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 13:45 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26410

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 14:45	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 14:45	Linda C Pape	1

Sample Description: MW-11 Water
Southside Oil 26463

LL Sample # WW 7187138
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:15 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	1
10335	**n-Butylbenzene**	104-51-8	**10**	5	1
10335	**sec-Butylbenzene**	135-98-8	**17**	5	1
10335	Carbon Tetrachloride	56-23-5	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	**1,2,4-Trimethylbenzene**	95-63-6	**37**	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-11 Water
Southside Oil 26463

LL Sample # WW 7187138
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:15 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132521AA	09/09/2013 15:09	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132521AA	09/09/2013 15:09	Linda C Pape	1

Sample Description: MW-12 Water
Southside Oil 26463

LL Sample # WW 7187139
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 13:00 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	**5**	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**230**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-12 Water
Southside Oil 26463

LL Sample # WW 7187139
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 13:00 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132522AA	09/10/2013 01:09	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132522AA	09/10/2013 01:09	Sarah A Guill	1

Sample Description: MW-13 Water
Southside Oil 26463

LL Sample # WW 7187140
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 08:50 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**60**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-13 Water
Southside Oil 26463

LL Sample # WW 7187140
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 08:50 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132522AA	09/10/2013 01:57	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132522AA	09/10/2013 01:57	Sarah A Guill	1

Sample Description: MW-14 Water
Southside Oil 26463

LL Sample # WW 7187141
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:25 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	**48**	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-14 Water
Southside Oil 26463

LL Sample # WW 7187141
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:25 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132522AA	09/10/2013 02:21	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132522AA	09/10/2013 02:21	Sarah A Guill	1

Sample Description: MW-15 Water
Southside Oil 26463

LL Sample # WW 7187142
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 09:15 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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-15 Water
Southside Oil 26463

LL Sample # WW 7187142
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 09:15 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132522AA	09/10/2013 02:45	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132522AA	09/10/2013 02:45	Sarah A Guill	1

Sample Description: MW-16 Water
Southside Oil 26463

LL Sample # WW 7187143
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:10 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 5	5	1
10335	Benzene	71-43-2	< 5	5	1
10335	Bromodichloromethane	75-27-4	< 5	5	1
10335	Bromoform	75-25-2	< 5	5	1
10335	Bromomethane	74-83-9	< 5	5	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 80	80	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	< 5	5	1
10335	Chlorobenzene	108-90-7	< 5	5	1
10335	Chloroethane	75-00-3	< 5	5	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	< 5	5	1
10335	Chloromethane	74-87-3	< 5	5	1
10335	Dibromochloromethane	124-48-1	< 5	5	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	< 5	5	1
10335	1,2-Dichloroethane	107-06-2	< 5	5	1
10335	1,1-Dichloroethene	75-35-4	< 5	5	1
10335	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10335	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10335	1,2-Dichloropropane	78-87-5	< 5	5	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 5	5	1
10335	Ethylbenzene	100-41-4	< 5	5	1
10335	di-Isopropyl ether	108-20-3	< 5	5	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	< 5	5	1
10335	Methylene Chloride	75-09-2	< 5	5	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	< 5	5	1
10335	Tetrachloroethene	127-18-4	< 5	5	1
10335	Toluene	108-88-3	< 5	5	1
10335	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10335	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10335	Trichloroethene	79-01-6	< 5	5	1
10335	Trichlorofluoromethane	75-69-4	< 5	5	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-16 Water
Southside Oil 26463

LL Sample # WW 7187143
LL Group # 1416732
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:10 by CC

Submitted: 09/05/2013 14:55
Reported: 09/13/2013 17:01

Kleinfelder
1 Speen Street
Framingham MA 01701

26-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10335	Vinyl Chloride	75-01-4	< 5	5	1
10335	Xylene (Total)	1330-20-7	< 5	5	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	N132522AA	09/10/2013 03:09	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N132522AA	09/10/2013 03:09	Sarah A Guill	1

Quality Control Summary

Client Name: Kleinfelder Group Number: 1416732
Reported: 09/13/13 at 05:01 PM

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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: N132521AA	Sample number(s): 7187128-7187138							
Acetone	< 20	20.	ug/l	96		38-157		
Acrolein	< 100	100.	ug/l	111		46-146		
Acrylonitrile	< 20	20.	ug/l	84		61-130		
t-Amyl methyl ether	< 5	5.	ug/l	87		75-120		
Benzene	< 5	5.	ug/l	95		78-120		
Bromodichloromethane	< 5	5.	ug/l	91		73-120		
Bromoform	< 5	5.	ug/l	87		61-120		
Bromomethane	< 5	5.	ug/l	79		51-120		
2-Butanone	< 10	10.	ug/l	83		58-126		
t-Butyl alcohol	< 80	80.	ug/l	104		75-120		
n-Butylbenzene	< 5	5.	ug/l	85		80-120		
sec-Butylbenzene	< 5	5.	ug/l	87		80-120		
Carbon Tetrachloride	< 5	5.	ug/l	93		74-130		
Chlorobenzene	< 5	5.	ug/l	99		80-120		
Chloroethane	< 5	5.	ug/l	82		45-120		
2-Chloroethyl Vinyl Ether	< 10	10.	ug/l	80		59-126		
Chloroform	< 5	5.	ug/l	97		77-122		
Chloromethane	< 5	5.	ug/l	84		55-120		
Dibromochloromethane	< 5	5.	ug/l	93		72-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	95		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	94		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	94		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	94		80-120		
1,2-Dichloroethane	< 5	5.	ug/l	94		71-130		
1,1-Dichloroethene	< 5	5.	ug/l	98		76-124		
cis-1,2-Dichloroethene	< 5	5.	ug/l	95		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	100		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	98		80-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	96		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	94		69-120		
Ethanol	< 250	250.	ug/l	106		54-149		
Ethyl t-butyl ether	< 5	5.	ug/l	84		74-120		
Ethylbenzene	< 5	5.	ug/l	91		79-120		
di-Isopropyl ether	< 5	5.	ug/l	90		65-120		
Isopropylbenzene	< 5	5.	ug/l	88		77-120		
p-Isopropyltoluene	< 5	5.	ug/l	84		80-120		
Methyl Tertiary Butyl Ether	< 5	5.	ug/l	89		75-120		
Methylene Chloride	< 5	5.	ug/l	97		80-120		
Naphthalene	< 5	5.	ug/l	75		47-126		
n-Propylbenzene	< 5	5.	ug/l	91		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	94		70-120		
Tetrachloroethene	< 5	5.	ug/l	94		80-120		
Toluene	< 5	5.	ug/l	96		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.

Quality Control Summary

Client Name: Kleinfelder Group Number: 1416732
Reported: 09/13/13 at 05:01 PM

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,1-Trichloroethane	< 5	5.	ug/l	81		66-126		
1,1,2-Trichloroethane	< 5	5.	ug/l	98		80-120		
Trichloroethene	< 5	5.	ug/l	97		80-120		
Trichlorofluoromethane	< 5	5.	ug/l	91		65-130		
1,2,4-Trimethylbenzene	< 5	5.	ug/l	91		74-120		
1,3,5-Trimethylbenzene	< 5	5.	ug/l	90		74-120		
Vinyl Chloride	< 5	5.	ug/l	87		63-120		
Xylene (Total)	< 5	5.	ug/l	92		80-120		
Batch number: N132522AA	Sample number(s): 7187139-7187143							
Acetone	< 20	20.	ug/l	85	86	38-157	2	30
Acrolein	< 100	100.	ug/l	113	109	46-146	4	30
Acrylonitrile	< 20	20.	ug/l	83	81	61-130	2	30
t-Amyl methyl ether	< 5	5.	ug/l	87	86	75-120	1	30
Benzene	< 5	5.	ug/l	94	91	78-120	3	30
Bromodichloromethane	< 5	5.	ug/l	87	87	73-120	0	30
Bromoform	< 5	5.	ug/l	84	81	61-120	4	30
Bromomethane	< 5	5.	ug/l	78	74	51-120	4	30
2-Butanone	< 10	10.	ug/l	79	79	58-126	1	30
t-Butyl alcohol	< 80	80.	ug/l	100	98	75-120	2	30
n-Butylbenzene	< 5	5.	ug/l	82	80	80-120	3	30
sec-Butylbenzene	< 5	5.	ug/l	84	82	80-120	3	30
Carbon Tetrachloride	< 5	5.	ug/l	82	81	74-130	1	30
Chlorobenzene	< 5	5.	ug/l	98	95	80-120	2	30
Chloroethane	< 5	5.	ug/l	81	76	45-120	7	30
2-Chloroethyl Vinyl Ether	< 10	10.	ug/l	83	81	59-126	2	30
Chloroform	< 5	5.	ug/l	93	90	77-122	3	30
Chloromethane	< 5	5.	ug/l	84	79	55-120	6	30
Dibromochloromethane	< 5	5.	ug/l	91	88	72-120	4	30
1,2-Dichlorobenzene	< 5	5.	ug/l	94	91	80-120	3	30
1,3-Dichlorobenzene	< 5	5.	ug/l	92	89	80-120	3	30
1,4-Dichlorobenzene	< 5	5.	ug/l	93	90	80-120	4	30
1,1-Dichloroethane	< 5	5.	ug/l	91	89	80-120	2	30
1,2-Dichloroethane	< 5	5.	ug/l	88	86	71-130	3	30
1,1-Dichloroethene	< 5	5.	ug/l	92	88	76-124	5	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	96	91	80-120	5	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	96	93	80-120	3	30
1,2-Dichloropropane	< 5	5.	ug/l	98	97	80-120	0	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	93	91	80-120	2	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	93	91	69-120	2	30
Ethanol	< 250	250.	ug/l	121	118	54-149	2	30
Ethyl t-butyl ether	< 5	5.	ug/l	86	85	74-120	1	30
Ethylbenzene	< 5	5.	ug/l	90	86	79-120	4	30
di-Isopropyl ether	< 5	5.	ug/l	92	90	65-120	2	30
Isopropylbenzene	< 5	5.	ug/l	86	84	77-120	2	30
p-Isopropyltoluene	< 5	5.	ug/l	81	80	80-120	2	30
Methyl Tertiary Butyl Ether	< 5	5.	ug/l	87	85	75-120	2	30
Methylene Chloride	< 5	5.	ug/l	97	92	80-120	4	30
Naphthalene	< 5	5.	ug/l	73	77	47-126	5	30
n-Propylbenzene	< 5	5.	ug/l	90	87	80-120	3	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	95	93	70-120	2	30
Tetrachloroethene	< 5	5.	ug/l	90	88	80-120	3	30
Toluene	< 5	5.	ug/l	96	93	80-120	3	30
1,1,1-Trichloroethane	< 5	5.	ug/l	75	72	66-126	4	30
1,1,2-Trichloroethane	< 5	5.	ug/l	97	95	80-120	3	30
Trichloroethene	< 5	5.	ug/l	94	91	80-120	3	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.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/13/13 at 05:01 PM

Group Number: 1416732

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	< 5	5.	ug/l	72	69	65-130	4	30
1,2,4-Trimethylbenzene	< 5	5.	ug/l	90	87	74-120	4	30
1,3,5-Trimethylbenzene	< 5	5.	ug/l	89	86	74-120	3	30
Vinyl Chloride	< 5	5.	ug/l	85	81	63-120	5	30
Xylene (Total)	< 5	5.	ug/l	92	89	80-120	3	30

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: N132521AA	Sample number(s): 7187128-7187138 UNSPK: P181017								
Acetone	83	83	35-144	0	30				
Acrolein	113	108	33-147	4	30				
Acrylonitrile	83	81	51-125	3	30				
t-Amyl methyl ether	87	87	65-117	0	30				
Benzene	100	100	72-134	0	30				
Bromodichloromethane	94	92	38-137	2	30				
Bromoform	86	84	48-118	3	30				
Bromomethane	85	84	47-129	0	30				
2-Butanone	78	77	53-124	1	30				
t-Butyl alcohol	101	101	67-119	0	30				
n-Butylbenzene	89	91	74-134	2	30				
sec-Butylbenzene	91	93	79-125	2	30				
Carbon Tetrachloride	102	100	72-135	2	30				
Chlorobenzene	103	101	87-124	2	30				
Chloroethane	87	89	51-145	2	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	101	100	81-134	2	30				
Chloromethane	88	90	50-131	3	30				
Dibromochloromethane	95	93	74-116	2	30				
1,2-Dichlorobenzene	96	96	84-119	1	30				
1,3-Dichlorobenzene	96	95	86-121	1	30				
1,4-Dichlorobenzene	96	95	85-121	0	30				
1,1-Dichloroethane	99	97	84-129	2	30				
1,2-Dichloroethane	96	93	68-131	3	30				
1,1-Dichloroethene	108	107	75-155	1	30				
cis-1,2-Dichloroethene	102	100	80-141	2	30				
trans-1,2-Dichloroethene	107	104	81-142	3	30				
1,2-Dichloropropane	102	101	83-124	1	30				
cis-1,3-Dichloropropene	93	92	70-116	1	30				
trans-1,3-Dichloropropene	94	94	74-119	0	30				
Ethanol	108	110	53-146	2	30				
Ethyl t-butyl ether	85	86	74-122	1	30				
Ethylbenzene	96	95	71-134	1	30				
di-Isopropyl ether	92	92	70-129	0	30				
Isopropylbenzene	94	93	75-128	1	30				
p-Isopropyltoluene	87	88	76-123	1	30				
Methyl Tertiary Butyl Ether	88	87	72-126	1	30				
Methylene Chloride	101	99	78-133	2	30				
Naphthalene	73	74	52-125	2	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.

Quality Control Summary

Client Name: Kleinfelder Group Number: 1416732
Reported: 09/13/13 at 05:01 PM

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
n-Propylbenzene	95	95	74-134	1	30				
1,1,2,2-Tetrachloroethane	92	93	72-128	0	30				
Tetrachloroethene	103	102	80-128	1	30				
Toluene	101	99	80-125	2	30				
1,1,1-Trichloroethane	87	86	69-140	1	30				
1,1,2-Trichloroethane	97	97	71-141	0	30				
Trichloroethene	109	106	88-133	2	30				
Trichlorofluoromethane	99	99	64-146	0	30				
1,2,4-Trimethylbenzene	92	93	72-130	1	30				
1,3,5-Trimethylbenzene	93	93	65-132	1	30				
Vinyl Chloride	94	97	66-133	4	30				
Xylene (Total)	97	96	79-125	1	30				

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: 8260 VOCs
Batch number: N132521AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7187128	96	99	95	89
7187129	96	98	94	88
7187130	98	100	94	88
7187131	100	99	95	88
7187132	98	97	94	88
7187133	99	99	95	88
7187134	98	99	94	88
7187135	99	99	95	88
7187136	95	94	96	89
7187137	97	98	96	88
7187138	95	97	96	92
Blank	97	97	95	89
LCS	95	96	98	96
MS	96	97	98	97
MSD	95	98	97	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 VOCs
Batch number: N132522AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7187139	94	95	95	90
7187140	96	98	96	90
7187141	96	98	95	89
7187142	97	98	95	88
7187143	97	99	94	88

*- 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.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/13/13 at 05:01 PM

Group Number: 1416732

Surrogate Quality Control

Blank	94	96	95	89
LCS	94	97	98	96
LCSD	94	96	98	95
Limits:	80-116	77-113	80-113	78-113

*- 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.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: 1416732 Sample #: 7187128-43 (3)

Client: Southside Oil
Acct. #:
Project Name/#: 26463
PWSID #:
Project Manager: Don Trego
P.O. #: 51141-227508
Sampler: Chris Cresci
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	Water (Potable / NPDES)	Other	Total # of Containers	Full List VOC+oxy 8260 (H)	Ethanol 8260 (H)	Remarks	Temperature of samples upon receipt (if requested)
MW-1	9/4/13	0805				x		3	x	x		
MW-2		1220				x		3	x	x		
MW-3		1125				x		3	x	x		
MW-4		1200				x		3	x	x		
MW-5		0755				x		3	x	x		
MW-6		0740				x		3	x	x		
MW-7		1240				x		3	x	x		
MW-8		0830				x		3	x	x		
MW-9		1325				x		3	x	x		
MW-10		1345				x		3	x	x		
MW-11		1115				x		3	x	x		
MW-12		1300				x		3	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
[signature]	9/4/13	1500	Storage		
Storage	9/5/13	12:40	[signature]	9/5/13	1040
[signature]	9/5/13	14:55			
			[signature]	9/5/13	1455

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Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: 1416732 Sample #: 7187128-43

(3)

Client: Southside Oil
Acct. #:
Project Name/#: 26463
PWSID #:
Project Manager: Don Trego
P.O. #: 51141-227508
Sampler: Chris Ciesci
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	Water (Potable / NPDES)	Other	Total # of Containers	Full List VOC+oxy 8260 (H)	Ethanol 8260 (H)	Remarks	Temperature of samples upon receipt (if requested)
MW-13	9/4/13	0850				x		3	x	x		
MW-14		1025				x		3	x	x		
MW-15		0915				x		3	x	x		
MW-16		1010				x		3	x	x		
~~TF-1R~~						x			x	x		
~~TF-2R~~						x			x	x		
~~TF-3R~~						x			x	x		
~~TF-4R~~						x			x	x		
TRIP BLANK												

Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

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

SDG Complete? Yes No

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/4/13	1500	Storage		
Storage	9/5/13	11:45	[signature]	9/5/13	11:45
[signature]	9/5/13	14:55			
			[signature]	9/5/13	14:55

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

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> 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.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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 Analysis Reports –
Off-site and On-site Potable Wells
(September 4, 2013)

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

September 11, 2013

Project: Southside Oil 26463

Submittal Date: 09/05/2013
Group Number: 1416733
PO Number: 51141-227508
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
PW-1 Potable Water	7187144

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

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC COPY TO	Kleinfelder	Attn: Charlie Low

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

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Analysis Report

Sample Description: PW-1 Potable Water
Southside Oil 26463

LL Sample # PW 7187144
LL Group # 1416733
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 14:00 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:47

Kleinfelder
1 Speen Street
Framingham MA 01701

PTB91

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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: PW-1 Potable Water
Southside Oil 26463

LL Sample # PW 7187144
LL Group # 1416733
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 14:00 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:47

Kleinfelder
1 Speen Street
Framingham MA 01701

PTB91

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	S132521AA	09/09/2013 14:45	Anita M Dale	1

Quality Control Summary

Client Name: Kleinfelder Group Number: 1416733
Reported: 09/11/13 at 06:47 PM

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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S132521AA	Sample number(s): 7187144							
Acetone	< 5.0	5.0	ug/l	109		70-130		
Acrolein	< 50	50.	ug/l	91		70-130		
Acrylonitrile	< 10	10.	ug/l	95		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	94		70-130		
Benzene	< 0.5	0.5	ug/l	103		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	95		70-130		
Bromoform	< 0.5	0.5	ug/l	106		70-130		
Bromomethane	< 0.5	0.5	ug/l	97		70-130		
2-Butanone	< 5.0	5.0	ug/l	88		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	89		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	95		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	99		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	97		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	97		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	102		70-130		
Chloroethane	< 0.5	0.5	ug/l	94		70-130		
Chloroform	< 0.5	0.5	ug/l	98		70-130		
Chloromethane	< 0.5	0.5	ug/l	106		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	99		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	99		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	101		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	101		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	98		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	97		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	105		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	94		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	105		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	102		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	99		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	97		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	95		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	103		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	101		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	100		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	97		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	88		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	101		70-130		
Naphthalene	< 0.5	0.5	ug/l	82		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	102		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	101		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	103		70-130		
Toluene	< 0.5	0.5	ug/l	101		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	94		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.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/11/13 at 06:47 PM

Group Number: 1416733

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	100		70-130		
Trichloroethene	< 0.5	0.5	ug/l	99		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	95		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	99		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	98		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	99		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	102		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: S132521AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
7187144	87	97
Blank	91	93
LCS	101	104
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.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: 1416733 Sample #: 7187144 2

Client: Southside Oil
Acct. #:
Project Name/#: 26463
PWSID #:
Project Manager: Don Trego
P.O. #: 51141-227508
Sampler: Chris Cresa
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)	Matrix: Other (NPDES)	Total # of Containers	Analyses Requested / Preservation Codes: 524.2 Full Oxy5 (H)	Remarks	Temperature of samples upon receipt (if requested)
PW-1	9/4/13	1400				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 triplecate volume)
Internal COC required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/4/13	1500	Storage		
Storage	9/5/13	11:40	[signature]	9/5/13	11:40
[signature]	9/5/13	14:55			
			[signature]	9/5/13	1455

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

4886.01

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> 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.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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:	Prepared for:
Eurofins Lancaster Laboratories Environmental 2425 New Holland Pike Lancaster, PA 17601	Kleinfelder 1 Speen Street Framingham MA 01701

September 11, 2013

Project: Southside Oil 26463

Submittal Date: 09/05/2013
Group Number: 1416734
PO Number: 51141-227508
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
3514 Urbana PE Potable Water	7187145
3514 Urbana PI Potable Water	7187146
3514 Urbana PM Potable Water	7187147

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

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ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC COPY TO	Kleinfelder	Attn: Charlie Low

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

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Analysis Report

Sample Description: 3514 Urbana PE Potable Water
Southside Oil 26463

LL Sample # PW 7187145
LL Group # 1416734
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:35 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:51

Kleinfelder
1 Speen Street
Framingham MA 01701

3514E

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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: 3514 Urbana PE Potable Water
Southside Oil 26463

LL Sample # PW 7187145
LL Group # 1416734
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:35 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:51

Kleinfelder
1 Speen Street
Framingham MA 01701

3514E

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	S132521AA	09/09/2013 15:12	Anita M Dale	1

Sample Description: 3514 Urbana PI Potable Water
Southside Oil 26463

LL Sample # PW 7187146
LL Group # 1416734
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:51

Kleinfelder
1 Speen Street
Framingham MA 01701

3514I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	**2.0**	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

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Sample Description: 3514 Urbana PI Potable Water
Southside Oil 26463

LL Sample # PW 7187146
LL Group # 1416734
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:51

Kleinfelder
1 Speen Street
Framingham MA 01701

3514I

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	S132521AA	09/09/2013 15:39	Anita M Dale	1

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Analysis Report

Sample Description: 3514 Urbana PM Potable Water
Southside Oil 26463

LL Sample # PW 7187147
LL Group # 1416734
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:37 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:51

Kleinfelder
1 Speen Street
Framingham MA 01701

3514M

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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

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Sample Description: 3514 Urbana PM Potable Water
Southside Oil 26463

LL Sample # PW 7187147
LL Group # 1416734
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 11:37 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 18:51

Kleinfelder
1 Speen Street
Framingham MA 01701

3514M

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	S132521AA	09/09/2013 16:06	Anita M Dale	1

Quality Control Summary

Client Name: Kleinfelder Group Number: 1416734
Reported: 09/11/13 at 06:51 PM

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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S132521AA	Sample number(s): 7187145-7187147							
Acetone	< 5.0	5.0	ug/l	109		70-130		
Acrolein	< 50	50.	ug/l	91		70-130		
Acrylonitrile	< 10	10.	ug/l	95		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	94		70-130		
Benzene	< 0.5	0.5	ug/l	103		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	95		70-130		
Bromoform	< 0.5	0.5	ug/l	106		70-130		
Bromomethane	< 0.5	0.5	ug/l	97		70-130		
2-Butanone	< 5.0	5.0	ug/l	88		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	89		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	95		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	99		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	97		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	97		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	102		70-130		
Chloroethane	< 0.5	0.5	ug/l	94		70-130		
Chloroform	< 0.5	0.5	ug/l	98		70-130		
Chloromethane	< 0.5	0.5	ug/l	106		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	99		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	99		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	101		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	101		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	98		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	97		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	105		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	94		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	105		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	102		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	99		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	97		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	95		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	103		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	101		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	100		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	97		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	88		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	101		70-130		
Naphthalene	< 0.5	0.5	ug/l	82		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	102		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	101		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	103		70-130		
Toluene	< 0.5	0.5	ug/l	101		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	94		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.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/11/13 at 06:51 PM

Group Number: 1416734

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	100		70-130		
Trichloroethene	< 0.5	0.5	ug/l	99		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	95		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	99		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	98		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	99		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	102		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: S132521AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
7187145	91	99
7187146	87	102
7187147	82	95
Blank	91	93
LCS	101	104
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.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: 1416734 Sample #: 7187145-47 2

Client:	Southside Oil	Acct. #:	
Project Name/#:	26463	PWSID #:	
Project Manager:	Don Trego	P.O. #:	51141-227508
Sampler:	Chris Cresci	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=HZSO4 O=Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable)	Other (NPDES)	Total # of Containers	524.2 Full Oxy5	Remarks	Temperature of samples upon receipt (if requested)
3514 Urbana PE	9/4/13	1135				X		3	X		
3514 Urbana PI	↓	1140				X		3	X		
3514 Urbana PM	↓	1137				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:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/4/13	1500	Storage		
Storage	9/5/13	12:40	[signature]	9/5/13	12:40
[signature]	9/5/13	14:55			
			[signature]	9/5/13	14:55

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, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

4886.01

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> 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.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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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ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

September 11, 2013

Project: Southside Oil 26463

Submittal Date: 09/05/2013
Group Number: 1416735
PO Number: 51141-227508
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
8826 Fingrbrd PE Potable Water	7187148
8826 Fingrbrd PI Potable Water	7187149
8826 Fingrbrd PM Potable Water	7187150

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

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC COPY TO	Kleinfelder	Attn: Charlie Low

Respectfully Submitted,

Amek Carter
Specialist

(717) 556-7252

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Analysis Report

Sample Description: 8826 Fingrbrd PE Potable Water
Southside Oil 26463

LL Sample # PW 7187148
LL Group # 1416735
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 14:41

Kleinfelder
1 Speen Street
Framingham MA 01701

8826E

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 0.5	0.5	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: 8826 Fingrbrd PE Potable Water
Southside Oil 26463

LL Sample # PW 7187148
LL Group # 1416735
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:40 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 14:41

Kleinfelder
1 Speen Street
Framingham MA 01701

8826E

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	S132531AA	09/10/2013 10:35	Anita M Dale	1

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Analysis Report

Sample Description: 8826 Fingrbrd PI Potable Water
Southside Oil 26463

LL Sample # PW 7187149
LL Group # 1416735
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:45 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 14:41

Kleinfelder
1 Speen Street
Framingham MA 01701

8826I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 0.5	0.5	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

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Sample Description: 8826 Fingrbrd PI Potable Water
Southside Oil 26463

LL Sample # PW 7187149
LL Group # 1416735
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:45 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 14:41

Kleinfelder
1 Speen Street
Framingham MA 01701

8826I

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	S132531AA	09/10/2013 11:02	Anita M Dale	1

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Analysis Report

Sample Description: 8826 Fingrbrd PM Potable Water
Southside Oil 26463

LL Sample # PW 7187150
LL Group # 1416735
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:42 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 14:41

Kleinfelder
1 Speen Street
Framingham MA 01701

8826M

CAT No.	Analysis Name	CAS Number	As Received Result	As Received 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	< 0.5	0.5	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: 8826 Fingrbrd PM Potable Water
Southside Oil 26463

LL Sample # PW 7187150
LL Group # 1416735
Account # 12152

Project Name: Southside Oil 26463

Collected: 09/04/2013 10:42 by CC

Submitted: 09/05/2013 14:55
Reported: 09/11/2013 14:41

Kleinfelder
1 Speen Street
Framingham MA 01701

8826M

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	S132531AA	09/10/2013 11:29	Anita M Dale	1

Quality Control Summary

Client Name: Kleinfelder Group Number: 1416735
Reported: 09/11/13 at 02:41 PM

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.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: S132531AA	Sample number(s): 7187148-7187150							
Acetone	< 5.0	5.0	ug/l	116		70-130		
Acrolein	< 50	50.	ug/l	103		70-130		
Acrylonitrile	< 10	10.	ug/l	103		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	92		70-130		
Benzene	< 0.5	0.5	ug/l	104		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	92		70-130		
Bromoform	< 0.5	0.5	ug/l	109		70-130		
Bromomethane	< 0.5	0.5	ug/l	103		70-130		
2-Butanone	< 5.0	5.0	ug/l	87		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	86		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	90		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	99		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	104		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	93		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	104		70-130		
Chloroethane	< 0.5	0.5	ug/l	97		70-130		
Chloroform	< 0.5	0.5	ug/l	93		70-130		
Chloromethane	< 0.5	0.5	ug/l	118		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	96		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	106		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	106		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	105		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	92		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	87		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	103		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	94		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	101		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	101		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	95		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	98		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	86		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	105		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	105		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	102		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	99		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	87		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	111		70-130		
Naphthalene	< 0.5	0.5	ug/l	79		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	102		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	106		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	106		70-130		
Toluene	< 0.5	0.5	ug/l	97		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	86		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.

Quality Control Summary

Client Name: Kleinfelder
Reported: 09/11/13 at 02:41 PM

Group Number: 1416735

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	100		70-130		
Trichloroethene	< 0.5	0.5	ug/l	93		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	82		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	100		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	99		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	101		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	107		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: S132531AA

	4-Bromofluorobenzene	1,2-Dichlorobenzene-d4
7187148	87	101
7187149	87	100
7187150	87	103
Blank	90	98
LCS	100	112
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.

Lancaster Laboratories

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: 1416735 Sample #: 7187148-50

2

Client: Southside Oil
Acct. #:
Project Name/#: 26463
PWSID #:
Project Manager: Don Trego
P.O. #: 51141-227508
Sampler: Chris Cresci
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	Water (Potable)	Other (NPDES)	Total # of Containers	524.2 Full Oxy5 (H)	Remarks	Temperature of samples upon receipt (if requested)
8826 Fingrbrd PE	9/4/13	1040				X		3	X		
8826 Fingrbrd PI	↓	1045				X		3	X		
8826 Fingrbrd PM	↓	1042				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
[signature]	9/4/13	1500	Storage		
Storage	9/5/13	11:00	[signature]	9/5/13	11:00
[signature]	9/5/13	14:55			
			[signature]	9/5/13	14:55

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

4886.01

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> 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.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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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