FEDEX: 7704 6619 8333

June 30, 2014

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

RE: Request for Case Closure
Southside Facility #26463
8816 Fingerboard Road
Frederick, Frederick County, Maryland
MDE Case No. 2006-0245-FR

Dear Mr. Richmond:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), has prepared this correspondence to request case closure for the above referenced facility (Site). Kleinfelder is providing a summary of the case and an evaluation of the seven risk factors as outlined by the Maryland Department of the Environment (MDE) in the *Maryland Environmental Assessment Technology for Leaking Underground Storage Tanks* (MEAT) document. Supporting documents including figures, tables, and boring logs are enclosed for reference.

Site Location and Description

The Site is located at the southwestern corner of the loop created by Urbana Church road east/northeast of the intersection of State Route 80 (Fingerboard Road) and Interstate 270 in Frederick, Maryland (**Figures 1** and **2**) and consists of approximately 1.03 acres. On June 21, 2010, the ownership and operation of the underground storage tank (UST) system was transferred from Exxon Mobil Corporation (ExxonMobil) to Southside. Current site features consist of a station convenience store, canopy with six gasoline dispenser islands, two 15,000-gallon USTs, one compartmentalized (diesel and gasoline UST) 20,000-gallon and associated piping which were installed in May 2007. The general location of the pertinent site features are depicted on **Figure 3**.

Surrounding Land Use

The Site is located in a mixed use area characterized by commercial development including Dynamic Automotive auto repair facility, a church, an active 7-Eleven retail fuel station and convenience store, and residential properties. The 7-Eleven property has an environmental case (MDE #2006-250-FR) associated with the property. An access road to Dynamic Automotive abuts the Site to the North, Fingerboard Road abuts the Site to the South and Urbana Church Road abuts the Site to the West. The local area map is depicted on **Figure 2**.

Potential Receptors

Subsurface Structures

The closest structure containing a basement is a private residence located approximately 125 feet to the north/northwest of the Site. Below grade utilities servicing the station include electric, telecommunications, and a septic system. The approximate locations of the subsurface utilities are depicted on **Figure 3**.

Surface Water and Wetlands

The closest body of surface water to the Site is an unnamed tributary to Bennett Creek located approximately 800 feet west of the Site. Another unnamed tributary to Bennett Creek is located approximately 2,400 feet east of the Site and an unnamed tributary to Bush Creek is located approximately 3,200 feet northeast of the Site. Both Bennett and Bush Creeks are tributaries to the Monocacy River which is located approximately five miles west of the Site (**Figure 1**).

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Well Survey

As reported in the May 2008 *SCRA Report*, a well survey was conducted to verify groundwater use in the area and to identify potential groundwater receptors near the Site. Kleinfelder used public records and visual observations in performing the survey. The survey consisted of a database search for permitted wells in the area with the MDE Groundwater Permits Program and the request of hard copy well completion reports for identified wells, a freedom of information act (FOIA) request with the Frederick County Department of Health Environmental Health Services, and a visual survey of neighboring properties and land uses. An area search for public and private wells within an approximate 0.5 mile radius was conducted and approximately 24 suspected or confirmed potable wells are located within 1,000 feet of the Site (**Figure 2**).

Thirteen potable wells in the area of the Site have been sampled per approval with and at the direction of the MDE. The potable well analytical data are summarized in **Tables 1** and **2**. Kleinfelder has confirmed that no water supply exists for the St. Ignatius of Loyola Church located south of the Site and across Urbana Church Road.

The on-site potable well (FR-73-8958) is located in the landscaped area southeast of the station building. A down-hole camera survey was previously conducted to identify the construction of the well as no well completion report was filed with the MDE or Frederick County Department of Health Environmental Health Services. The total well depth was measured to be approximately 548 feet below top of casing with the pump being set at approximately 520 feet below top of casing. A 4.5-inch inner casing extends from 6 feet to approximately 318 feet below grade. From 318 to 529 feet below grade, there are five (5) 10-foot screened intervals located 40 feet apart.

Geology and Hydrogeology

The community of Urbana, Frederick County, Maryland lies within the Central Piedmont Physiographic Province, and Westminster Terrain. Based on a review of the Maryland Geologic Survey, 1968 Geologic Map of Maryland, and other geologic references including the 1999 Geologic Map of the Urbana Quadrangle, and the 2002 Geologic Map of the 30’ x 60’ Frederick Quadrangle the predominant formation in the area of the Site is the Urbana Formation. The Urbana Formation is late pre-Cambrian in age and in this area consists of bluish-gray phyllite (meta-sandstone and meta-siltstone), containing thin interbedded calcareous sandstone and quartzite lenses. Based on the structural data available, the Site appears situated on the eroded top of a northwest verging overturned anticline between the eastern and western limbs of the Martic fault.

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During the installation of the monitoring wells, silts, silty clay and clay were encountered at varying depths underlain by saprolite and competent bedrock. In most of the monitoring wells, groundwater was not observed during drilling activities until the saprolite-bedrock interface at depths ranging from approximately 29 to 45 feet below grade. The boring and well construction logs are included as **Appendix A**.

Upon completion of the wells, the initial groundwater levels rose in the wells to static levels of approximately 27 to 35 feet below top of casing (TOC) (**Table 3**). The apparent groundwater flow, as evidenced by May 2014 groundwater elevation data, is predominantly east/northeast under a current hydraulic gradient of approximately 0.067 foot per foot (ft/ft) to the north (**Figure 4**).

Monitoring Data

Quarterly groundwater monitoring has been conducted since the High Risk Groundwater Use Area (HRGUA) investigation was completed in 2005 and the MDE assigned Case #2006-0245-FR. Groundwater samples have been collected on a quarterly basis from the monitoring wells and the groundwater analytical results are summarized in **Table 3** and the laboratory analytical reports for the May 2014 sampling are included as **Appendix B**.

As part of the investigation activities, sampling of the on-site potable well (PW-1) and 13 nearby potable wells was completed (**Figure 2**). Samples were collected at each property for analysis of full list volatile organic compounds (VOCs) plus fuel oxygenates using Environmental Protection Agency (EPA) Method 524.2. Analytical data for the on-site potable well PW-1 is summarized in **Table 1** and off-site potable wells and point of entry treatment (POET) systems are summarized in **Table 2**.

Of the potable wells sampled, two potable wells (8826 Fingerboard Road and 3514 Urbana Pike) historically had MTBE detected at concentrations above the MDE action level of 20 micrograms per liter (µg/L). These wells were first sampled February 23, 2009 (3514 Urbana Pike) and March 5, 2009 (8826 Fingerboard Road). Point of Entry (POET) systems were installed at each residence on March 7, 2009 and have been maintained and sampled on a quarterly basis. As presented in previous regulatory correspondence the property owner of 8826 Fingerboard Road was unresponsive to requests to sample the POET system after August 2012 until September 2013.

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Nature and Extent of Chemicals of Concern

Liquid Phase Hydrocarbon

Liquid phase hydrocarbon has not been detected in the monitoring or tank field wells throughout the case history.

Adsorbed Phase Hydrocarbons

Soil samples have been collected for laboratory analysis during soil boring and well installation activities and during the 2007 UST system removal and upgrade project. Soil boring locations are located on **Figure 5** and soil sampling locations from the May 2007 UST upgrade are located on **Figure 6**. A review of the soil analytical data in **Table 4** indicates that VOCs were not detected above the MDE's Non-Residential Cleanup Standards and the Protection of Groundwater Standards, except in borings SB-3 and SB-4/MW-7 advanced in 2006 in the vicinity of the former UST field which was removed in 2007, monitoring well MW-12, and boring SB02 in the vicinity of the historic tank field area.

The soil samples from borings SB-3 and SB-4/MW-7 were collected from 30-32 feet below grade, which is likely within the capillary fringe of the water table in this area, and immediately northeast of the former UST field. Groundwater samples from monitoring wells in this area historically exhibited elevated MTBE concentrations (up to 71,200 µg/L MTBE in MW-2 on August 4, 2005) and it is likely that the soil analytical results from these samples are in part representative of the elevated dissolved phase impacts, and not solely adsorbed phase. Since April 2010, the dissolved phase MTBE concentration in monitoring well MW-7 has been less than 200 µg/L.

The soil sample from boring SB02 from 14-15 feet below grade contained concentrations of ethylbenzene, total xylenes and naphthalene above the Protection of Groundwater Standards and concentrations of TPH-DRO and TPH-GRO above the Non-Residential Cleanup Standard. Boring SB02 was advanced in the vicinity of the historic UST field which was removed in 1989. The detected COCs, which are higher-molecular weight compounds and notably the absence of benzene and MTBE detections above the laboratory reporting limits, indicate that the source of these impacts was likely the historic UST system removed in 1989. The soil impact identified in boring SB02 is not impacting groundwater as evidenced by the absence of these constituents in groundwater samples collected from monitoring wells MW-3 and MW-11. This soil sample is delineated to the west and east by borings advanced during monitoring well installation and Phase II ESA activities.

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In April through June 2007, ExxonMobil completed UST system removal and upgrade activities which included the remedial excavation (less than 12 tons) in the area of Dispenser 9/10 to the west of the station building. A total of 1,554.34 tons of soils were excavated from around the former UST system and removed for disposal at the Soil Safe facility in Brandywine, Maryland.

Dissolved Phase Hydrocarbons

Groundwater analytical and gauging data collected from monitoring wells and potable wells are summarized in **Tables 1, 2** and **3.** A hydrocarbon distribution map for the May 2014 groundwater monitoring event is included as **Figure 4**.

Methyl tertiary butyl either is the primary dissolved phase constituent which has been present above an MDE action level or generic numeric groundwater cleanup standard. A review of **Table 3** indicates that MTBE has been detected in groundwater samples collected from monitoring wells MW-1, MW-2, MW- 7, MW-8, MW-12, MW-13, and MW-14 at concentrations above the MDE action level of 20 µg/L and in the May 2014 sampling event MTBE was only detected above the action level in MW-12. Dissolved phase MTBE concentrations are delineated both horizontally and vertically and are exhibiting decreasing trends. Trend graphs depicting MTBE concentrations over time for certain monitoring wells are included in **Appendix C**.

The on-site potable well has been sampled quarterly since March 2006 and the analytical results are summarized in **Table 1**. The MTBE concentrations in the on-site potable well have ranged from below laboratory detection limits to 4.3 µg/L (July 2009).

Thirteen off-site potable wells have been sampled during the investigation associated with the Site and the analytical results are summarized in **Table 2**. Of the potable wells sampled, two off-site potable wells (8826 Fingerboard Road and 3514 Urbana Pike) exhibited MTBE concentrations above the MDE's action level. POET systems have been installed at the two residences and have been maintained and monitored on a quarterly basis since installation in March of 2009. The two potable wells with MTBE above the MDE action level are located to the northeast of the Site, and generally along strike of predominant bedrock fracture orientation. The MTBE concentrations in these wells has been decreasing over time with MTBE concentrations less than 10 µg/L for the past two years. Specifically, the MTBE concentration within the 8826 Fingerboard Road influent has been below laboratory detection limits since the September 7, 2011 sampling event, and the MTBE concentration within the 3514 Urbana Pike influent has been below 7.3 µg/L since the May 2012 sampling event.

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MDE 7 Risk Factors

Kleinfelder, on behalf of Southside, has evaluated the Site against the MDE 7 Risk Factors and the results are summarized below:

Liquid Phase Hydrocarbon – LPH has not been detected at the Site (**Table 3**).

Current and Future Use of Impacted Groundwater –The Site is an active retail service station with a convenience store. The Site is designated as commercial use and is in an area containing commercial businesses and residential properties. Whereas the Site and many surrounding properties are supplied with private potable wells, municipal water is available in the area of the site, with properties including the neighboring Dynamic Automotive repair facility being connected to the public water supply.

Migration of Contamination – The monitoring wells have been sampled on a regular basis since 2005. A review of the groundwater analytical data indicates that concentrations of dissolved phase hydrocarbons are below laboratory detection limits or decreasing with only one well (MW-12) exhibiting MTBE at a concentration greater than 20 µg/L (**Appendix B** and **Table 3**). The concentrations of MTBE in the on-site and monitored off-site potable wells are either below laboratory detection limits or the MDE action level (**Table 1** and **2**).

Human Exposure – The station building is a one-story structure constructed on a concrete slab. The soil impact identified at the Site is below MDE Non-Residential Standards, and the Site is paved which limits exposure.

As presented above, MTBE has not been detected above the MDE action level in the on-site potable well or 11 area potable wells sampled during the investigation. Point of entry treatment systems have been maintained at two residences and the MTBE concentrations has been below laboratory detection limits since September 2011 at 8826 Urbana Pike and less than 10 µg/L for the past two years at 3514 Urbana Church Road. As per the Corrective Action Plan (CAP), the 3514 Urbana Church Road property will be connected to the Frederick County municipal water supply in the second half of 2014 and the potable well abandoned. The CAP indicated the 8826 Urbana Pike property will be connected to the Frederick County municipal water supply; however, the agent for the property owner was non-responsive to requests to change the zoning of the property in 2012. As such, 8826 Urbana Pike will not be connected to the Frederick County municipal water supply and as MTBE concentrations in the well have been below laboratory detection limits for over 2.5 years municipal water service to this property is not warranted.

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Environmental and Ecological Exposure – Environmental ecological receptors were not identified in the immediate area of the Site. The closest body of surface water to the Site is an unnamed tributary to Bennett Creek located approximately 800 feet west of the Site in a cross-gradient direction relative to the Site and is not considered a potential receptor.

Impact to Utilities and Other Buried Services – Underground utilities located within the vicinity of the Site include electric, telecommunications, and a septic system. The utilities are not considered a potential receptor as they do not intersect the apparent groundwater interface which was encountered at depths greater than 20 feet below grade.

Other Sensitive Receptors – Urbana Elementary School is located approximately 700 feet north of the Site. The school is not considered a potential receptor because the school is located hydraulically cross-gradient from the Site. In addition, the groundwater analytical results from monitoring well MW-16, which is installed between the Site and the school, indicates that VOCs or fuel oxygenates have not been detected above laboratory reporting limits, further indicating that the potential migration pathway between the Site and the school is incomplete.

Recommendations

Based on the evaluation of the MDE Seven Risk Factors there is no evidence of an ongoing release from the current UST system. The seven risk factors of the MEAT document have been evaluated and established that the risk from on-site conditions to current and future surrounding properties and potential receptors is below MDE guidance and thresholds. Therefore, Kleinfelder, on behalf of Southside, requests the closure of MDE Case No. 2006-0243-FR and the initiation of HRGUA groundwater monitoring. Kleinfelder, on behalf of Southside, proposes the discontinuation of potable well sampling for 3514 Urbana Church Road and 8826 Urbana Pike and the abandonment of monitoring wells MW-1, MW-3 through MW-8, MW-10 through MW-13, MW-15 and MW-16 by a Maryland licensed driller. The remaining monitoring wells (MW-2, MW-5, MW-9 and MW-14) and the on-site potable well would be sampled on an annual basis for HRGUA compliance.

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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.

Closing

Southside and Kleinfelder appreciate the assistance of the MDE in the successful completion of this project. If you have questions or require additional information please contact us at (410) 850-0404.

Figures:

Figure 1 – Regional Area Map
Figure 2 – Local Area Map
Figure 3 – Site Map
Figure 4 – Groundwater Contour/Hydrocarbon Distribution Map (5/15/2014)
Figure 5 – Soil Boring Location Map
Figure 6 – UST System and Remedial Excavation Soil Sampling Location Map (2007)

Tables:

Table 1 – Onsite Potable Well Analytical Data
Table 2 – Off-Site Potable Well Analytical Data
Table 3 – Groundwater Monitoring and Analytical Data
Table 4 – Soil Analytical Data

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Appendices:

Appendix A – Monitoring Well Boring and Construction Logs

Appendix B – Laboratory Analytical Results

Appendix C – Trend Analyses

Sincerely,

Kleinfelder, Inc.

Donald A. Trego, QEP
Program Manager

Mark C. Steele
Principal Professional

cc: Ms. Susan Bull – MDE Oil Control Program

Ms. Devon Watts – Sunoco, Inc.

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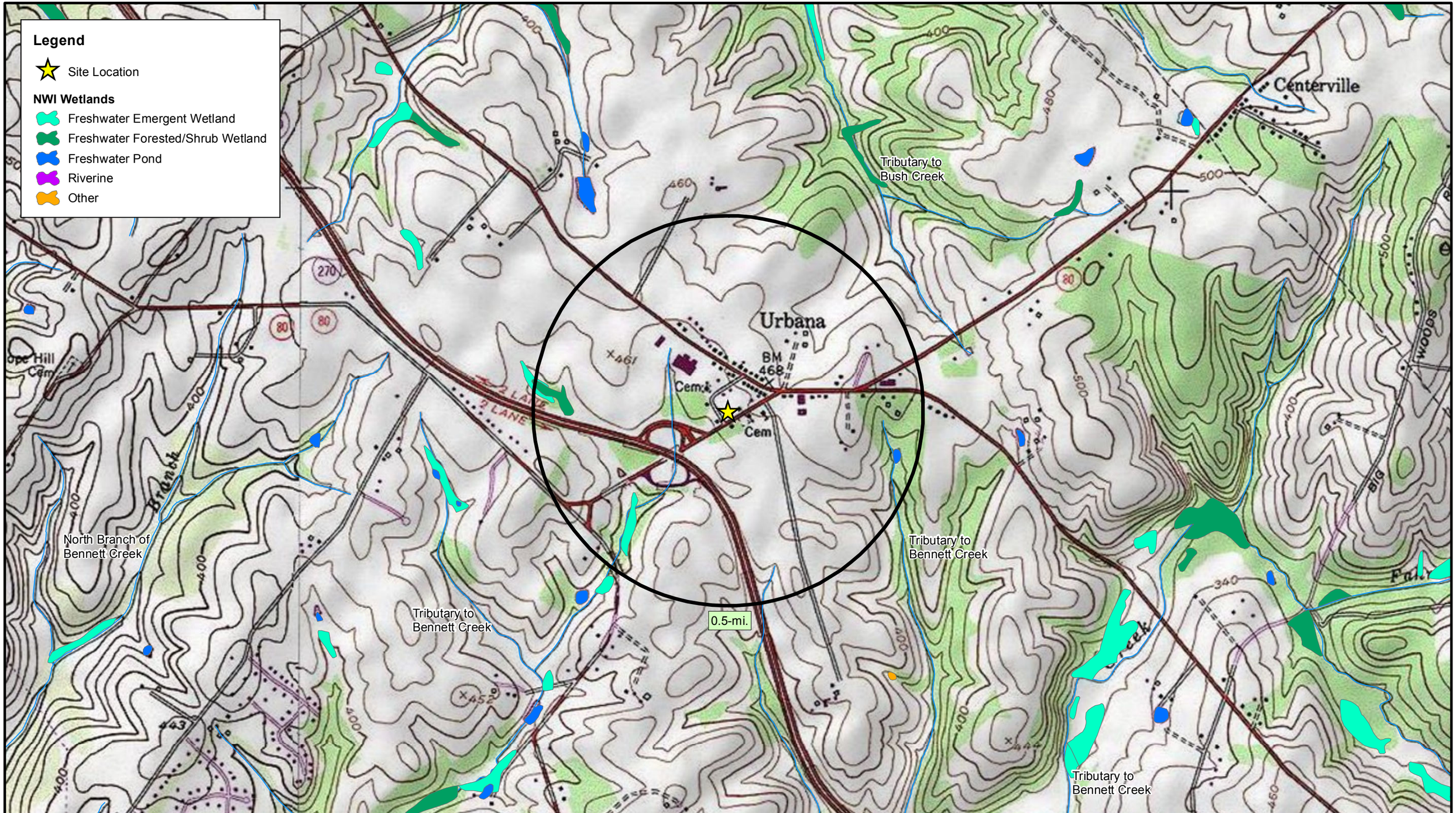
FIGURES



Topography mapped in 1953
by U.S. Army Corps of Engineers.
Revised/Inspected in 1986 by USGS.

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Cartography By: B. Myers
Date: 04/07/11

Regional Area Map

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

Project Number: 113847
File Name: RAM

Figure
1

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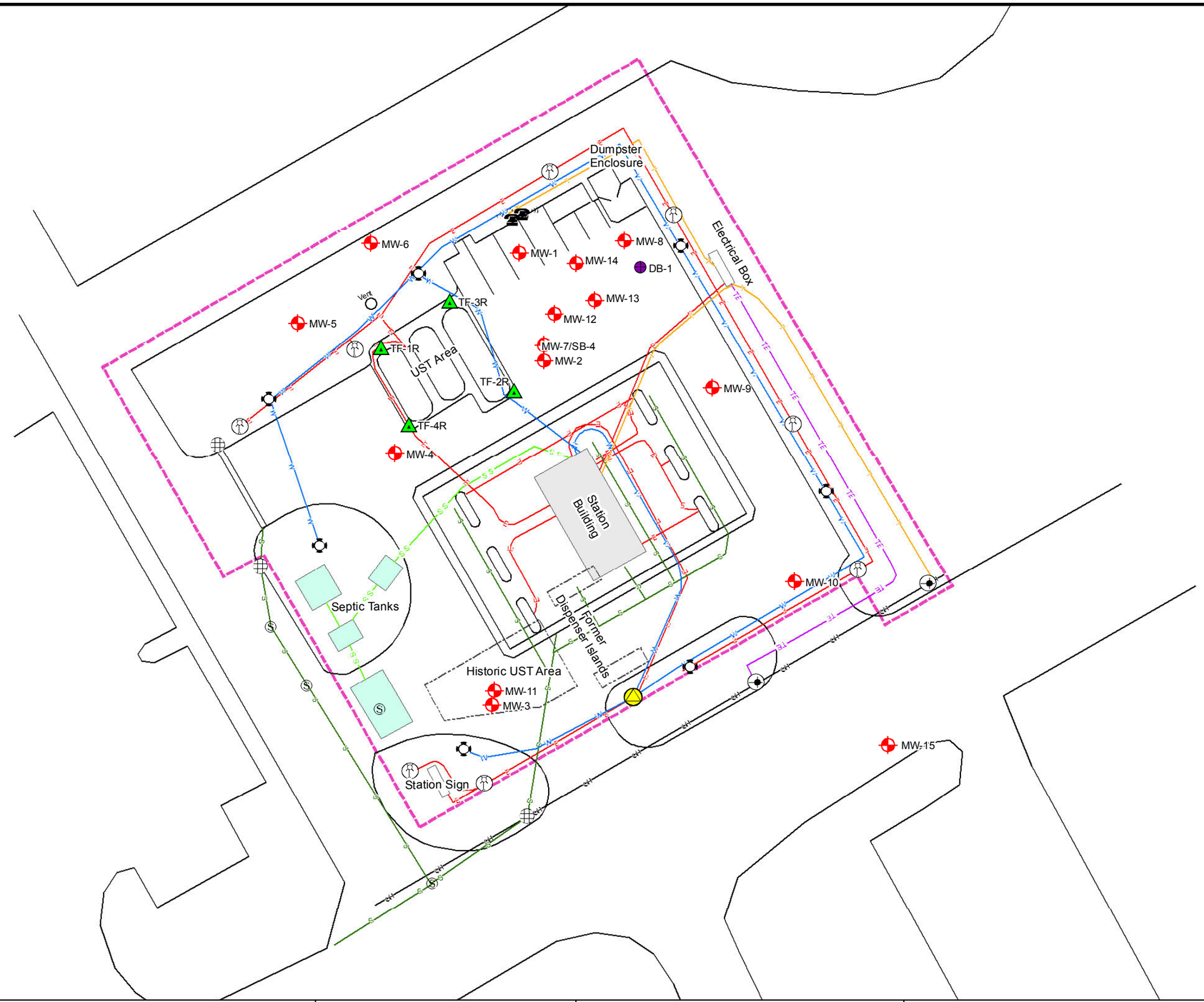
Cartography By: B. Myers | Date: 04/07/11

Local Area Map

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

Project Number: 113847 | File Name: LAM

Figure 2



Legend

- Deep Bedrock Boring Location
- Monitoring Well
- Tank Field Well
- Potable Well
- Electric Pole
- Area Light
- Telephone
- Water Spigot
- Manhole
- Catch Basin
- Electric
- Overhead
- Product Piping
- Sanitary Sewer
- Storm Sewer
- Tel & Electric
- Telephone
- Water Line
- Base Map Features
- Property Boundary
- Former UST Area
- Former Dispenser Islands
- Building
- Septic Tank
- Electrical Box
- Station Sign

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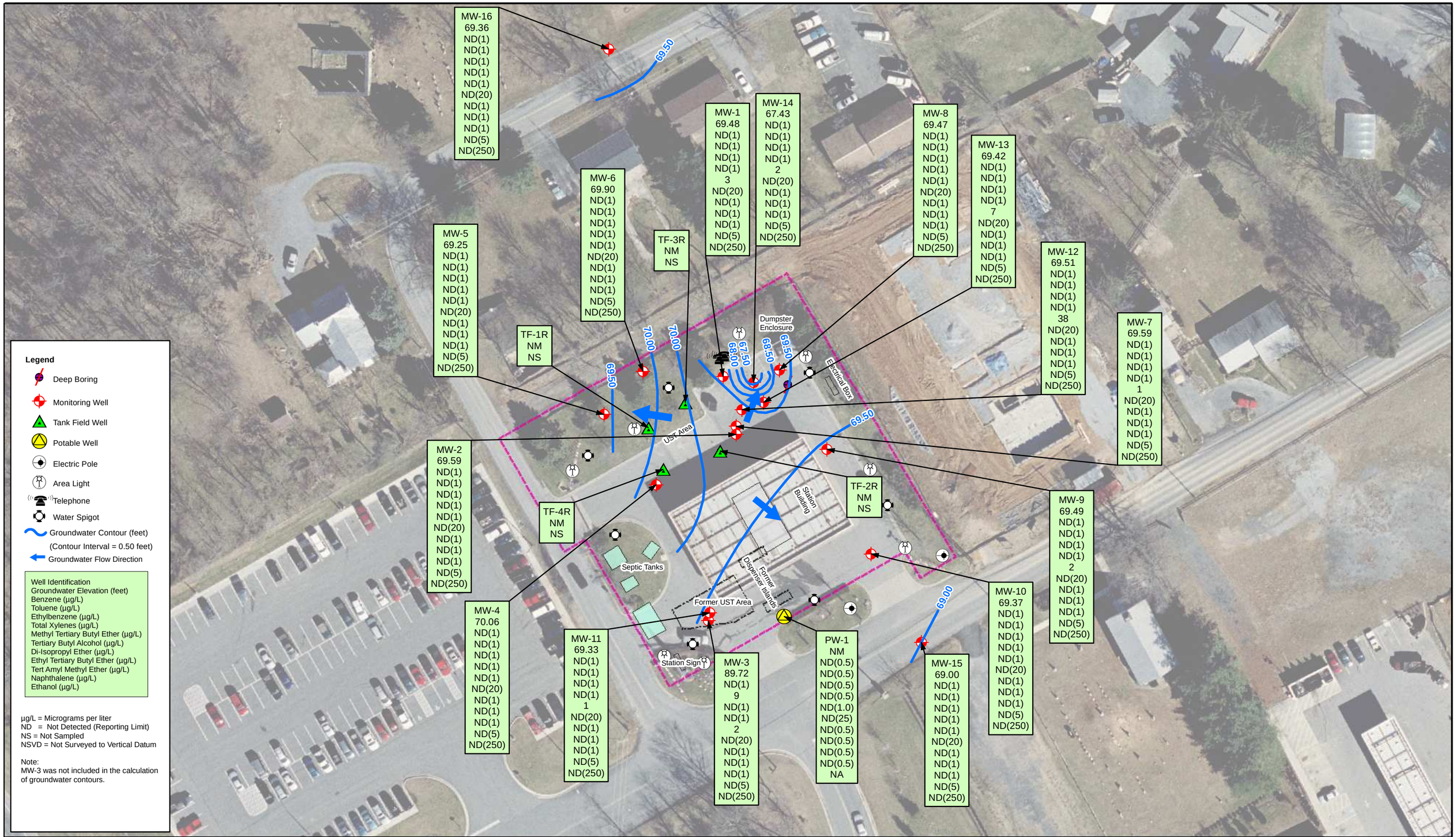
Cartography By: B. Myers | Date: 4/7/2011

Site Plan

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

Project Number: 113847 | File Name: SP

Figure 3



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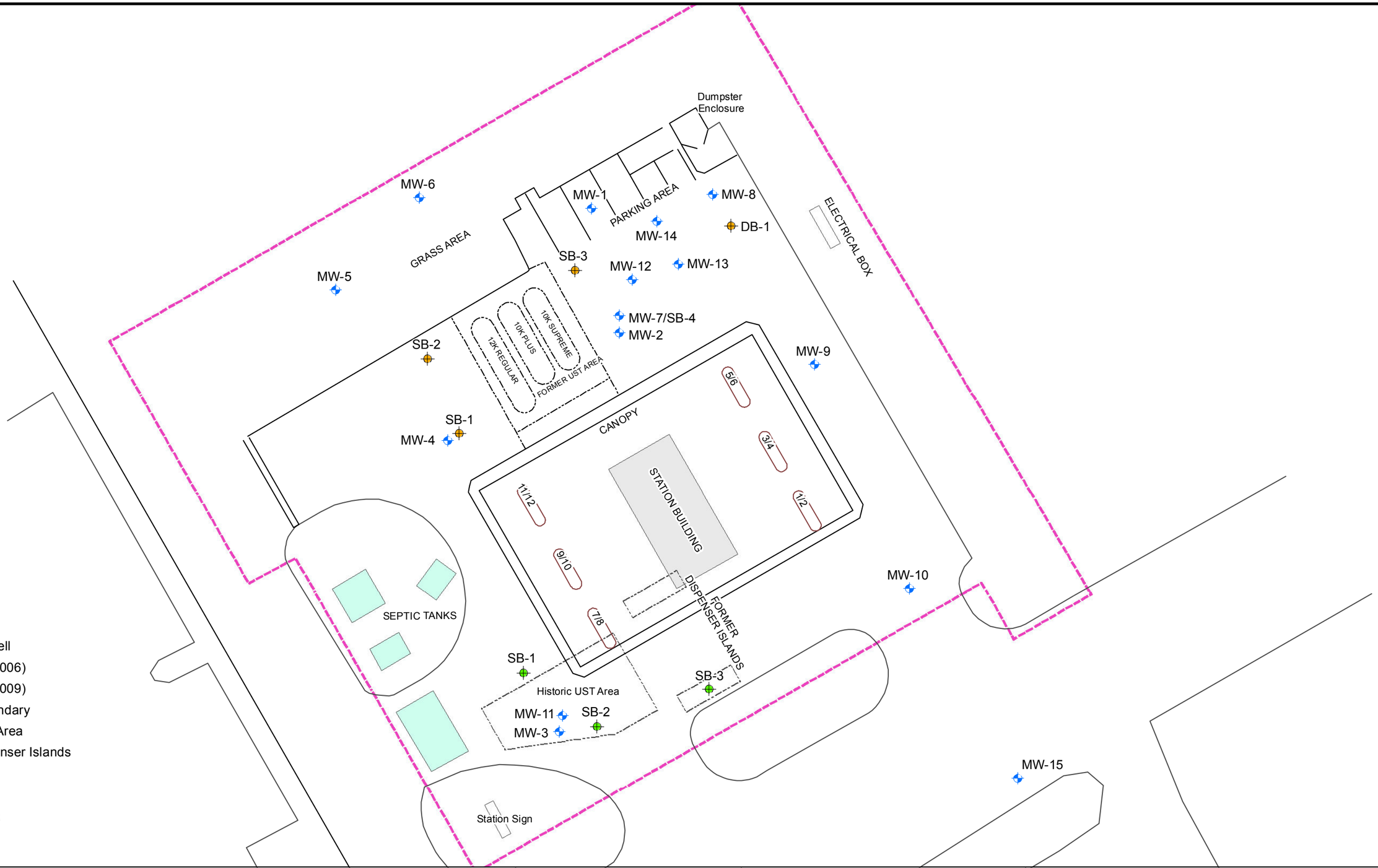
Cartography By: J. Rockwood | Date: 6/27/2014

HYDROCARBON DISTRIBUTION / GROUNDWATER CONTOUR MAP: (MAY 15, 2014)

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

Figure 4

Project Number: 113847 | File Name: HD Map



Legend

- Monitoring Well
- Soil Boring (2006)
- Soil Boring (2009)
- Property Boundary
- Former UST Area
- Former Dispenser Islands
- Building
- Septic Tank
- Electrical Box
- Station Sign

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Cartography By: B. Myers | Date: 4/7/2011

Soil Boring Location Map

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

Project Number: 113847 | File Name: Sampling

Figure 5

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Cartography By: SOwe | Date: 4/7/2011

UST System and Remedial Excavation Soil Sampling Location Map (2007)

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

Project Number: 113847 | File Name: Sampling

Figure 6

TABLES

Table 1

Potable Well (On-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
March 6, 2006 through February 21, 2014

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	03/06/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.67	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	06/05/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.63	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	09/13/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.85	ND(5.0)	NA	NA	NA	ND(0.50)	
	12/13/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.9	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	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)	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 1 (Continued)

Potable Well (On-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
March 6, 2006 through February 21, 2014

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	02/26/2013	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)	
	11/15/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 1 (Continued)

Potable Well (On-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
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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 2

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through February 21, 2014

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)	
	11/15/2013	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)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through February 21, 2014

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 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)	
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)	
	11/15/2013	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)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through February 21, 2014

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)	
	11/15/2013	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)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	1.0	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)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through February 21, 2014

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
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)	
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)	
	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)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
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
Frederick, Maryland
February 23, 2009 through February 21, 2014

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)	
	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)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 2 (Continued)

Potable Well (Off-site) Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
February 23, 2009 through February 21, 2014

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)	
	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)	
	02/21/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
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 February 21, 2014

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

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	08/04/2005	98.72	28.80	ND	ND	69.92	ND	ND	ND	ND	6000	NA	NA	NA	NA	NA	NA	NA	NA	S.I. = 15-45.9 ft-bgs
	03/16/2006	98.72	29.42	ND	ND	69.30	ND(50)	ND(50)	ND(50)	ND(50)	6910	ND(1300)	66.1	ND(250)	150	ND(250)	6.39	ND(0.11)	NA	
	06/13/2006	98.72	30.70	ND	ND	68.02	ND(10)	ND(10)	ND(10)	ND(10)	8680	ND(250)	59.3	ND(50)	172	ND(50)	4.65	ND(0.1)	NA	
	09/08/2006	98.72	31.35	ND	ND	67.37	ND(10)	ND(10)	ND(10)	ND(10)	8620	ND(250)	50.1	ND(50)	203	ND(50)	4.95	ND(0.10)	NA	
	10/16/2006	97.39	31.63	ND	ND	65.76	ND(50)	ND(50)	ND(50)	ND(50)	9670	ND(1300)	53.2	ND(250)	259	ND(250)	13	ND(0.1)	NA	
	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	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	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)	
	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)	
	11/15/2013	97.39	31.42	ND	ND	65.97	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	7	NA	NA	ND(250)	
	02/21/2014	97.39	29.51	ND	ND	67.88	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	08/04/2005	98.74	28.15	ND	ND	70.59	1.92	ND	ND	ND	71200	NA	NA	NA	NA	NA	NA	NA	NA	S.I. = 15-39.7 ft-bgs
	03/16/2006	98.74	29.43	ND	ND	69.31	ND(20)	ND(20)	ND(20)	ND(20)	25000	24800	118	ND(100)	553	ND(100)	22.5	ND(0.1)	NA	
	06/13/2006	98.74	30.70	ND	ND	68.04	ND(20)	ND(20)	ND(20)	ND(20)	25000	25700	103	ND(100)	454	ND(100)	14.3	ND(0.1)	NA	
	09/08/2006	98.74	31.36	ND	ND	67.38	ND(50)	ND(50)	ND(50)	ND(50)	23800	16400	80.6	ND(250)	344	ND(250)	13.6	ND(0.10)	NA	
	10/16/2006	97.37	31.60	ND	ND	65.77	ND(200)	ND(200)	ND(200)	ND(200)	36200	37500	133	ND(1000)	548	ND(1000)	46	0.153	NA	
	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	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
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August 4, 2005 through February 21, 2014

		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	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)	
	11/15/2013	97.37	31.32	ND	ND	66.05	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	97.37	29.22	ND	ND	68.15	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 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
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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-3	08/04/2005	97.57	9.30	ND	ND	88.27	ND	6.31	2.67	5.93	2.5	NA	NA	NA	NA	NA	NA	NA	NA	S.I. = 2-10.47 ft-bgs
	03/16/2006	97.57	7.62	ND	ND	89.95	ND(1)	21.2	ND(1)	ND(1)	1.7	ND(25)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.2)	0.405	NA	
	06/13/2006	97.57	7.45	ND	ND	90.12	ND(1)	0.88	ND(1)	ND(1)	0.71	ND(25)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.2)	0.405	NA	
	09/08/2006	97.57	8.21	ND	ND	89.36	0.57	0.78	ND(1.0)	ND(1.0)	ND(1.0)	32.3	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	0.420	NA	
	10/26/2006	96.18	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	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	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
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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-3	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)	
	11/15/2013	96.18	7.86	ND	ND	88.32	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	96.18	10.16	ND	ND	86.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)

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Southside Facility #26463
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August 4, 2005 through February 21, 2014

		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	08/04/2005	97.40	27.24	ND	ND	70.16	ND	ND	ND	ND	12.1	NA	NA	NA	NA	NA	NA	NA	NA	S.I. = 15-39.88 ft-bgs
	03/16/2006	97.40	27.84	ND	ND	69.56	ND(1)	ND(1)	ND(1)	ND(1)	18.1	ND(25)	ND(5)	ND(5)	2.7 J	ND(5)	ND(0.2)	ND(0.1)	NA	
	06/13/2006	97.40	29.15	ND	ND	68.25	0.46	ND(1)	ND(1)	ND(1)	8	ND(25)	ND(5)	ND(5)	1.9	ND(5)	0.328	ND(0.1)	NA	
	09/08/2006	97.40	29.67	ND	ND	67.73	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	11.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.10)	NA	
	10/16/2006	96.12	29.97	ND	ND	66.15	ND(1)	ND(1)	ND(1)	ND(1)	9.6	ND(25)	0.83	ND(5)	ND(5)	ND(5)	ND(0.2)	ND(0.1)	NA	
	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	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	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)	
	11/15/2013	96.12	29.74	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)	
	02/21/2014	96.12	27.46	ND	ND	68.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	10/16/2006	92.16	27.11	ND	ND	65.05	ND(1)	ND(1)	ND(1)	ND(1)	0.37	ND(25)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.2)	ND(0.1)	NA	S.I. = 25-50 ft-bgs
	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)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	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)	
	11/15/2013	92.16	26.82	ND	ND	65.34	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	92.16	24.68	ND	ND	67.48	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 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	10/16/2006	93.35	27.39	ND	ND	65.96	ND(1)	ND(1)	ND(1)	ND(1)	0.86	ND(25)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.2)	ND(0.1)	NA	S.I. = 25-49 ft-bgs
	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)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	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)	
	11/15/2013	93.35	26.88	ND	ND	66.47	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	93.35	24.74	ND	ND	68.61	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 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	10/16/2006	97.45	31.63	ND	ND	65.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	S.I. = 25-50 ft-bgs
	10/26/2006	97.45	31.64	ND	ND	65.81	ND(50)	ND(50)	ND(50)	ND(50)	36300	32900	198	ND(250)	851	ND(250)	53.7	ND(0.1)	NA	
	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)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	02/26/2013	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)	
	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)	
	11/15/2013	97.45	31.52	ND	ND	65.93	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	97.45	29.33	ND	ND	68.12	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 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	10/16/2006	98.50	32.85	ND	ND	65.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	S.I. = 25-50 ft-bgs
	10/26/2006	98.50	32.82	ND	ND	65.68	ND(5)	ND(5)	ND(5)	ND(5)	4430	300	25.3	ND(25)	84.7	ND(25)	5.27	ND(0.1)	NA	
	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)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	02/26/2013	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)	
	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)	
	11/15/2013	98.50	32.56	ND	ND	65.94	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	98.50	30.73	ND	ND	67.77	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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-9	10/16/2006	99.14	33.34	ND	ND	65.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	S.I. = 25-45 ft-bgs
	10/26/2006	99.14	33.36	ND	ND	65.78	2.2	4.4	16.7	115	11.6	ND(25)	ND(5)	ND(5)	ND(5)	45.9	1.56	0.621	NA	
	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 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	10/16/2006	100.04	34.46	ND	ND	65.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	S.I. = 25-50 ft-bgs
	10/26/2006	100.04	34.48	ND	ND	65.56	ND(1)	ND(1)	ND(1)	ND(1)	7.7	ND(25)	ND(5)	ND(5)	2.3 J	ND(5)	ND(0.2)	ND(0.1)	NA	
	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)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	10/16/2006	95.95	29.85	ND	ND	66.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	S.I. = 25-45 ft-bgs
	10/26/2006	95.95	29.89	ND	ND	66.06	1.1	0.61 J	6.8	60.9	5	ND(25)	2.4 J	ND(5)	ND(5)	41.3	1.57	0.868	NA	
	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)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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)	
	11/15/2013	97.31	31.66	ND	ND	65.65	ND(5)	ND(5)	ND(5)	ND(5)	460	ND(80)	ND(5)	ND(5)	11	ND(5)	NA	NA	ND(250)	
	02/21/2014	97.31	29.30	ND	ND	68.01	ND(5)	ND(5)	ND(5)	ND(5)	290	ND(80)	ND(5)	ND(5)	7	ND(5)	NA	NA	ND(250)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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)	
	11/15/2013	97.93	32.11	ND	ND	65.82	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	97.93	30.19	ND	ND	67.74	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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)	
	11/15/2013	97.11	32.22	ND	ND	64.89	ND(5)	ND(5)	ND(5)	ND(5)	34	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	02/21/2014	97.11	30.36	ND	ND	66.75	ND(5)	ND(5)	ND(5)	ND(5)	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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-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)	
	02/21/2014	101.11	34.31	ND	ND	66.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
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)	
	02/21/2014	100.64	33.14	ND	ND	67.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	
	02/21/2014	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	
	02/21/2014	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	
	02/21/2014	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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	
	02/21/2014	NSVD	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Kleinfelder
1340 Charwood Road, Suite I, Hanover, MD

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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
DB-1 (Z1)	12/02/2009	NM	NM	NM	NM	NM	ND(1.0)	4.2	ND(1.0)	ND(1.0)	167	ND(25)	1.4	ND(5.0)	3.8	ND(5.0)	NA	NA	NA	
	01/27/2010	NSVD	31.36	ND	ND	NSVD	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	1010	ND(63)	4.9	ND(13)	ND(13)	ND(13)	NA	NA	NA	
	04/01/2010	NSVD	NM	NM	NM	NM	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	1290	ND(50)	7.7	0.52	31.8	ND(10)	NA	NA	NA	
	08/30/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	1100	ND(80)	9	ND(5)	29	ND(5)	NA	NA	NA	
	12/09/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	1600	ND(80)	10	ND(5)	46	ND(5)	NA	NA	NA	
	03/02/2011	NM	NM	NM	NM	NM	ND(25)	ND(25)	ND(25)	ND(25)	1900	ND(400)	ND(25)	ND(25)	47	ND(25)	NA	NA	NA	
	06/02/2011	NSVD	30.71	ND	ND	NSVD	ND(25)	ND(25)	ND(25)	ND(25)	1600	ND(400)	ND(25)	ND(25)	36	ND(25)	NA	NA	NA	
DB-1 (Z2)	12/02/2009	NM	NM	NM	NM	NM	ND(1.0)	2.3	ND(1.0)	ND(1.0)	6.9	ND(25)	ND(5.0)	ND(5.0)	0.66	ND(5.0)	NA	NA	NA	
	01/27/2010	NSVD	31.33	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	10.9	ND(25)	ND(5.0)	ND(5.0)	0.81	ND(5.0)	NA	NA	NA	
	04/01/2010	NSVD	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	11.6	ND(25)	ND(5.0)	ND(5.0)	1.2	ND(5.0)	NA	NA	NA	
	08/30/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/09/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	06/02/2011	NSVD	30.64	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
DB-1 (Z3)	12/02/2009	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.43	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	NSVD	31.29	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	04/01/2010	NSVD	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.2	ND(25)	ND(5.0)	ND(5.0)	0.86	ND(5.0)	NA	NA	NA	
	08/30/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/09/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	NM	NM	NM	NM	NM	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	NSVD	30.75	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
DB-1 (Z4)	12/02/2009	NM	NM	NM	NM	NM	ND(1.0)	5.9	ND(1.0)	ND(1.0)	2.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	01/27/2010	NSVD	31.25	ND	ND	NSVD	1.9	3.0	ND(1.0)	ND(1.0)	1.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	04/01/2010	NSVD	NM	NM	NM	NM	1.0	2.2	ND(1.0)	ND(1.0)	1.3	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA	
	08/30/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/09/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	03/02/2011	NM	NM	NM	NM	NM	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	NSVD	30.58	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

		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**
DB-1 (Z5)	12/02/2009	NM	NM	NM	NM	NM	ND(1.0)	1.5	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	NSVD	30.98	ND	ND	NSVD	ND(1.0)	0.44	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	NSVD	NM	NM	NM	NM	ND(1.0)	0.88	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	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	
	12/09/2010	NM	NM	NM	NM	NM	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	NA	

Table 3 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland
August 4, 2005 through February 21, 2014

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

Table 4
Soil Analytical Data

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

Sample ID	Sample Location	Sample Date	Depth (feet)	PID (mu)	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Xylenes (Total) mg/kg	MTBE mg/kg	Naphthalene mg/kg	Tertiary- butyl-alcohol mg/kg	Di-Isopropyl-Ether mg/kg	Tert-Amyl - methyl-ether mg/kg	Ethyl-Tert-Butyl-Ether mg/kg	TPH-GRO mg/kg	TPH-DRO mg/kg
MW-1	MW-1	7/18/2005	15	2.7	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA	NA	NA	NA	NA	ND(5.00)	NA
MW-2	MW-2	7/18/2005	25	NA	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA	NA	NA	NA	NA	ND(4.98)	NA
MW-3	MW-3	7/18/2005	15	2.7	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA	NA	NA	NA	NA	ND(4.99)	NA
MW-4	MW-4	7/18/2005	40	NA	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA	NA	NA	NA	NA	ND(4.95)	NA
SB-1	SB-1	9/27/2006	14-16	0.0	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0023)	ND (0.0012)	ND (0.0058)	ND (0.029)	ND (0.0058)	ND (0.0058)	ND (0.0058)	ND (13)	ND (7.3)
SB-2	SB-2	9/26/2006	14-16	0.0	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0023)	ND (0.0012)	ND (0.0059)	ND (0.029)	ND (0.0059)	ND (0.0059)	ND (0.0059)	ND (11)	ND (7.4)
SB-2	SB-2	9/26/2006	30-32	5.0	ND (0.0011)	ND (0.0011)	ND (0.0011)	ND (0.0023)	0.0012	ND (0.0057)	ND (0.028)	ND (0.0057)	ND (0.0057)	ND (0.0057)	ND (12)	ND (7.3)
SB-3	SB-3	9/27/2006	14-16	0.0	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0027)	ND (0.0013)	ND (0.0067)	0.334	ND (0.0067)	ND (0.0067)	ND (0.0067)	ND (16)	ND (8.9)
SB-3	SB-3	9/27/2006	30-32	37.0	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0023)	**0.316**	ND (0.0058)	ND (0.029)	ND (0.0058)	0.0125	ND (0.0058)	ND (15)	ND(7.7)
SB-4	SB-4	9/26/2006	14-16	0.0	ND (0.0013)	ND (0.0013)	ND (0.0013)	ND (0.0026)	0.0015	ND (0.0065)	ND (0.032)	ND (0.0065)	ND (0.0065)	ND (0.0065)	ND (16)	ND (8.4)
SB-4	SB-4	9/27/2006	30-32	174.0	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0025)	**1.06**	ND (0.0061)	0.966	ND (0.0061)	ND (0.0061)	ND (0.0061)	ND (13)	ND (7.9)
SS1-4'	Dispenser 1/2 Elbow	5/1/2007	4	2.5	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0026)	ND(0.0013)	ND(0.0066)	ND(0.033)	ND(0.0066)	ND(0.0066)	ND(0.0066)	ND(16)	ND(8.7)
SS2-3'	Dispenser 1/2	5/1/2007	3	3	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0028)	ND(0.0014)	ND(0.0069)	ND(0.034)	ND(0.0069)	ND(0.0069)	ND(0.0069)	ND(15)	ND(8.6)
SS3-4'	Dispenser 3/4 Tee	5/1/2007	4	1.8	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0026)	ND(0.0013)	ND(0.0066)	ND(0.033)	ND(0.0066)	ND(0.0066)	ND(0.0066)	ND(15)	ND(8.2)
SS4-4'	Dispenser 3/4	5/1/2007	4	1.7	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0027)	ND(0.0014)	ND(0.0068)	ND(0.034)	ND(0.0068)	ND(0.0068)	ND(0.0068)	ND(16)	ND(8.5)
SS5-3'	Dispenser 5/6	5/1/2007	3	1.7	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0027)	ND(0.0013)	ND(0.0067)	ND(0.034)	ND(0.0067)	ND(0.0067)	ND(0.0067)	ND(15)	22.7
SS6-4'	Dispenser 5/6 Tee	5/1/2007	4	1.6	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0027)	ND(0.0013)	ND(0.0067)	ND(0.034)	ND(0.0067)	ND(0.0067)	ND(0.0067)	ND(16)	ND(8.4)
SS7-3'	Dispenser 7/8	5/1/2007	3	2.4	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0028)	ND(0.0014)	ND(0.0070)	ND(0.035)	ND(0.0070)	ND(0.0070)	ND(0.0070)	ND(16)	ND(8.7)
SS8-3'	Dispenser 7/8 Elbow	5/1/2007	3	1.5	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0027)	ND(0.0014)	ND(0.0069)	ND(0.034)	ND(0.0069)	ND(0.0069)	ND(0.0069)	ND(16)	ND(8.6)
** SS9-3'	Dispenser 9/10	5/1/2007	3	2163	ND(0.85)	1.46	11.4	**240**	ND(0.85)	**60.2**	ND(21)	ND(4.3)	ND(4.3)	ND(4.3)	**11300**	**7020 a**
SS10-6'	Dispenser 9/10	5/1/2007	6	1.7	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0029)	ND(0.0015)	ND(0.0073)	ND(0.036)	ND(0.0073)	ND(0.0073)	ND(0.0073)	ND(18)	ND(9.0)
SS11-4'	Dispenser 9/10 Tee	5/1/2007	4	1.4	ND(0.0012)	ND(0.0012)	ND(0.0012)	ND(0.0025)	ND(0.0012)	ND(0.0062)	0.0410	ND(0.0062)	ND(0.0062)	ND(0.0062)	ND(17)	ND(8.6)
SS12-3'	Dispenser 11/12	5/1/2007	3	14.7	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0027)	ND(0.0013)	ND(0.0067)	ND(0.034)	ND(0.0067)	ND(0.0067)	ND(0.0067)	ND(17)	ND(8.5)
SS13-4'	Dispenser 11/12 Tee	5/1/2007	4	1.5	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0026)	ND(0.0013)	ND(0.0064)	ND(0.032)	ND(0.0064)	ND(0.0064)	ND(0.0064)	ND(17)	ND(8.5)
SS14-13'	South Sidewall E.	5/2/2007	13	7.2	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0030)	**0.0464**	ND(0.0075)	1.46	0.0364	0.0030 J	ND(0.0075)	ND(17)	ND(8.7)
SS15-15'	North Supreme	5/2/2007	15	7.1	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0030)	**0.184**	ND(0.0074)	ND(0.037)	0.0438	0.0043 J	ND(0.0074)	ND(16)	ND(9.1)
SS16-13'	East Sidewall S.	5/2/2007	13	1.5	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0031)	ND(0.0016)	ND(0.0078)	ND(0.039)	ND(0.0078)	ND(0.0078)	ND(0.0078)	ND(19)	ND(9.0)
SS17-13'	East Sidewall N.	5/2/2007	13	4.7	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0028)	**0.0195**	ND(0.0069)	ND(0.035)	0.0150	ND(0.0069)	ND(0.0069)	ND(14)	ND(7.9)
SS18-15'	South Supreme	5/2/2007	15	0	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0040)	ND(0.0020)	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(19)	ND(9.3)
SS19-15'	North Plus	5/2/2007	15	17.5	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0034)	**0.0204**	ND(0.0086)	ND(0.043)	0.0723	ND(0.0086)	ND(0.0086)	ND(17)	ND(9.3)
SS20-13'	North Sidewall E.	5/2/2007	13	0	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0028)	ND(0.0014)	ND(0.0071)	ND(0.035)	0.0030 J	ND(0.0071)	ND(0.0071)	ND(15)	ND(7.9)
SS21-15'	North Regular	5/2/2007	15	4.8	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0034)	0.0066	ND(0.0086)	ND(0.043)	0.0425	ND(0.0086)	ND(0.0086)	ND(18)	ND(9.4)
SS22-13'	North Sidewall W.	5/2/2007	13	0.3	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0034)	ND(0.0017)	ND(0.0085)	ND(0.043)	ND(0.0085)	ND(0.0085)	ND(0.0085)	ND(18)	ND(9.3)
SS23-12'	West Sidewall N.	5/2/2007	12	1.5	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0031)	ND(0.0016)	ND(0.0078)	ND(0.039)	ND(0.0078)	ND(0.0078)	ND(0.0078)	ND(17)	ND(8.7)
SS24-15'	South Plus	5/2/2007	15	9.2	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0031)	ND(0.0015)	ND(0.0077)	ND(0.039)	0.0034 J	ND(0.0077)	ND(0.0077)	ND(17)	ND(8.8)
SS25-15'	South Regular	5/2/2007	15	50.8	ND(0.0016)	ND(0.0016)	ND(0.0016)	0.0019 J	0.0052	ND(0.0080)	ND(0.040)	0.0073 J	ND(0.0080)	ND(0.0080)	ND(15)	15.4
SS26-12'	West Sidewall S.	5/2/2007	12	0	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0032)	ND(0.0016)	ND(0.0081)	ND(0.040)	ND(0.0081)	ND(0.0081)	ND(0.0081)	ND(18)	ND(8.7)
SS27-13'	South Sidewall W.	5/2/2007	13	0	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0031)	ND(0.0016)	ND(0.0078)	ND(0.039)	ND(0.0078)	ND(0.0078)	ND(0.0078)	ND(16)	ND(8.7)
SS28-17'	South Regular	5/16/2007	17	0	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0032)	ND(0.0016)	ND(0.0079)	ND(0.040)	ND(0.0079)	ND(0.0079)	ND(0.0079)	ND(16)	ND(8.7)
SS29-17'	North Regular	5/16/2007	17	14	ND(0.0013)	ND(0.0013)	ND(0.0013)	ND(0.0025)	**1.21 a**	ND(0.0063)	0.0761	0.0069	0.0058 J	0.0068	ND(17)	ND(8.5)
SS30-17'	North Plus	5/16/2007	17	0	ND(0.0018)	0.123	ND(0.0018)	ND(0.0035)	**0.148**	ND(0.0088)	0.961	0.0324	ND(0.0088)	0.0013 J	ND(17)	ND(8.8)
SS31-17'	North Supreme	5/16/2007	17	289	ND(0.0011)	0.159	0.0308	0.851	**0.209**	**1.72**	0.269 J	0.0066 J	0.0098 J	ND(0.053)	ND(17)	22.9
SS32-17'	South Supreme	5/16/2007	17	133	ND(0.0016)	0.0549	ND(0.0016)	ND(0.0031)	**2.98 a**	ND(0.0078)	ND(0.039)	0.0115	0.0444	ND(0.0078)	ND(17)	ND(8.4)
E.ProductLineElbow-4'	East Product Line Elbow	5/16/2007	4	1.9	ND(0.0016)	ND(0.0016)	ND(0.0016)	ND(0.0032)	0.0042	ND(0.0081)	ND(0.040)	0.0132	ND(0.0081)	ND(0.0081)	ND(16)	ND(8.7)
[1]MDE Non-Residential Cleanup Standards- Soil					52	8,200	10,000	20,000	720	2,000	-	-	-	-	620	620
[2]MDE Protection of Groundwater Standard-Soil					0.0019	27	15	3	0.012	0.15	-	-	-	-	-	-

Table 4
Soil Analytical Data

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

Sample ID	Sample Location	Sample Date	Depth (feet)	PID (mu)	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Xylenes (Total) mg/kg	MTBE mg/kg	Naphthalene mg/kg	Tertiary- butyl-alcohol mg/kg	Di-Isopropyl-Ether mg/kg	Tert-Amyl - methyl-ether mg/kg	Ethyl-Tert-Butyl-Ether mg/kg	TPH-GRO mg/kg	TPH-DRO mg/kg
VL1 (3.5')	Vapor Line E.	6/18/2007	3.5	10	ND(0.0017)	ND(0.0017)	ND(0.0017)	ND(0.0033)	ND(0.0017)	ND(0.0083)	ND(0.042)	ND(0.0083)	ND(0.0083)	ND(0.0083)	ND(15)	ND(8.4)
VL2(3.5')	Vapor Line Middle	6/18/2007	3.5	0	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0028)	ND(0.0014)	ND(0.0069)	ND(0.034)	ND(0.0069)	ND(0.0069)	ND(0.0069)	ND(14)	ND(7.7)
VL3(4.5')	Vapor Line W.	6/18/2007	4.5	5	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0029)	ND(0.0015)	ND(0.0074)	ND(0.037)	ND(0.0074)	ND(0.0074)	ND(0.0074)	ND(13)	ND(8.1)
DB-1 (20-22)	DB-1	1/21/2008	20-22	0.0	ND(0.0014)	ND(0.0014)	ND(0.0014)	ND(0.0028)	ND(0.0014)	ND(.0069)	ND(0.034)	ND(0.0069)	ND(0.0069)	ND(0.0069)	ND(15.0)	ND(8.3)
MW12	MW-12	4/29/2009	29.5-30	0.0	ND(0.00096)	ND(0.00096)	ND(0.00096)	ND(0.0019)	**0.0144**	0.0033 J	ND (0.027)	ND (0.053)	ND (0.053)	ND (0.053)	NA	NA
MW12	MW-12	4/29/2009	9-9.5	13.4	ND(0.0011)	0.0015	0.0022	0.0187	ND(0.0011)	0.0380	ND (0.024)	ND (0.0048)	ND (0.0048)	ND (0.0048)	NA	NA
MW13	MW-13	4/28/2009	9.5-10	25.7	ND(0.00092)	ND(0.00092)	0.00080 J	0.0087	ND(0.00092)	0.0268	ND (0.023)	ND (0.0046)	ND (0.0046)	ND (0.0046)	NA	NA
MW14	MW-14	4/27/2009	19.5-20	33.6	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0022)	ND(0.0011)	ND(0.0054)	ND (0.027)	ND(0.0054)	ND(0.0054)	ND(0.0054)	NA	NA
MW14	MW-14	4/27/2009	31.5-32	6.5	ND(0.0011)	ND(0.0011)	ND(0.0011)	ND(0.0023)	0.0012	ND(0.0056)	ND(0.0056)	0.0012 J	ND(0.0056)	ND(0.0056)	NA	NA
SB01 (25-26.5)	SB1 (Phase II)	7/29/2009	25-26.5	20.2	ND (0.00038)	ND (0.00032)	ND (0.00041)	ND (0.00052)	ND (0.00031)	ND (0.00082)	NA	NA	NA	NA	ND (1.1)	ND (3.3)
SB01 (31-32.5)	SB1 (Phase II)	7/29/2009	31-32.5	1.0	ND (0.00047)	0.00057 J	ND (0.00051)	0.0016 J	ND (0.00039)	ND (0.0010)	NA	NA	NA	NA	ND (1.6)	ND (4.0)
SB02 (14-15)	SB2 (Phase II)	7/29/2009	14-15	2,502	ND (0.11)	3.38	**65.6**	**304**	ND (0.094)	**38.8**	NA	NA	NA	NA	**5320**	**717**
SB03 (20-21.5)	SB3 (Phase II)	7/29/2009	20-21.5	60.6	ND (0.00040)	ND (0.00034)	0.00054 J	0.0036	ND (0.00033)	ND (0.00086)	NA	NA	NA	NA	ND (1.2)	38.6
[1]MDE Non-Residential Cleanup Standards- Soil					52	8,200	10,000	20,000	720	2,000	-	-	-	-	620	620
[2]MDE Protection of Groundwater Standard-Soil					0.0019	27	15	3	0.012	0.15	-	-	-	-	-	-

NOTES:

[1]State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater, June 2008
[2] State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater, June 2008

ND - Not detected; detection limit in parentheses
PID - Photoionization detector
mu meter units
MTBE - Methyl tertiary butyl ether
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
mg/kg - Milligrams per kilogram (parts per million)
a - Result is from Run # 2
J - Indicates an estimated value
** - Soil was removed during remedial excavation

APPENDIX A –
MONITORING WELL BORING AND CONSTRUCTION LOGS

KLEINFELDER
EXPECT MORE

1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

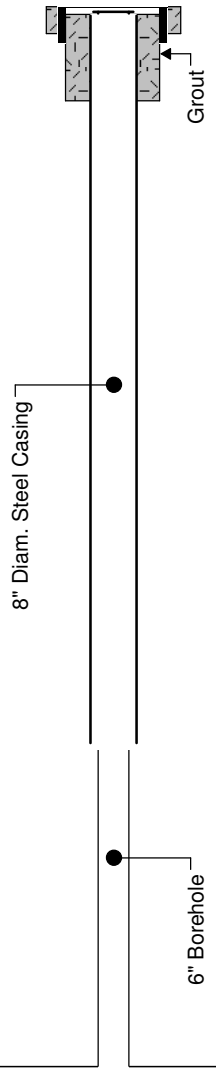
DRILLING LOG

Well No. DB-1

Project Name:	2-6463	***Start Date:***	January 21, 2008	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	January 22, 2008	***Permit No.:***	FR-95-0879
Project No:	87903	***Total Hole Depth:***	202'	***Checked By:***	NM
Client:	Exxon Mobil Cprporation	***Hole Diameter:***	0'-39'-12"_39'-202'-6"	***Notes:***	Open hole from to terminal depth
Drilling Company:	BL Myers	***Depth to Bedrock:***	34'		
Driller:	Ray Chilcoate	***Well Diameter:***	8" steel casing		
Drill Rig Type:	Schramm T450	***Water Level (Initial):***			
Drilling Method:	Air Rotary	***Screen Length:***	NA		
Sampling Method:	Split Spoon - Grab	***TOC Elevation:***			

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0		GROUND SURFACE				
		ASPHALT				
		GM GRAVEL, large angular w/ silt brown				
5.0		**ML** SILT w/ clay, brown, w/ some med. to large sub-angular gravel	DB-1 (5'-5.5')		6"	0
10.0			DB-1 (10'-11')		12"	0
			DB-1 (11'-12')		12"	0
		ML SILT,grey, Shale (saprolite)				
15.0		**ML** SILT, w/ clay, brown	DB-1 (15'-17')		12"	0
20.0		**ML** SILT, w/ clay, brown(saprolite)	DB-1 (20'-22')		12"	0
25.0			DB-1 (25'-26')		2"	0
		ML SILTw/ mediumsub-angular gravels and someclay, brown (saprolitic) stiff	Spoon Refusal			
35.0		**Rk** Bedrock encountered, grey/green				
50.0		**Rk** small fracture zone ~6" in thickness, potentially water bearing @ ~0.25 gpm				
55.0						

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

KLEINFELDER
EXPECT MORE

1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

DRILLING LOG

Well No. DB-1

Project Name:	2-6463	***Start Date:***	January 21, 2008	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	January 22, 2008	***Permit No.:***	FR-95-0879
Project No:	87903	***Total Hole Depth:***	202'	***Checked By:***	NM
Client:	Exxon Mobil Cprporation	***Hole Diameter:***	0'-39'-12"_39'-202'-6"	***Notes:***	Open hole from to terminal depth
Drilling Company:	BL Myers	***Depth to Bedrock:***	34'		
Driller:	Ray Chilcoate	***Well Diameter:***	8" steel casing		
Drill Rig Type:	Schramm T450	***Water Level (Initial):***			
Drilling Method:	Air Rotary	***Screen Length:***	NA		
Sampling Method:	Split Spoon - Grab	***TOC Elevation:***			

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		Rk						
		Rk 6" weathered zone, yellow/tan rock						
60.0		**Rk**						60.0
		Rk weathered light brown rock						
65.0		**Rk** grey/green						65.0
		Rk weathered light brown rock						
70.0		**Rk**						70.0
75.0								75.0
		Rk 6" tan discolored zone (penetration rate ~ 17 sec. per 8")						
80.0		**Rk**						80.0
85.0		**Rk** water bearing fractured zone, brown/tan est. 15-20 gpm						85.0
90.0		**Rk** grey/green						90.0
95.0								95.0
100.0								100.0
105.0		**Rk** color and hrdness transition, slightly harder, color to grey/green/blue						105.0
110.0		**Rk**						110.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
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EXPECT MORE

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Hanover, MD 21076
(410) 850-0404

DRILLING LOG

Well No. DB-1

Project Name:	2-6463	***Start Date:***	January 21, 2008	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	January 22, 2008	***Permit No.:***	FR-95-0879
Project No:	87903	***Total Hole Depth:***	202'	***Checked By:***	NM
Client:	Exxon Mobil Cprporation	***Hole Diameter:***	0'-39'-12"_39'-202'-6"	***Notes:***	Open hole from to terminal depth
Drilling Company:	BL Myers	***Depth to Bedrock:***	34'		
Driller:	Ray Chilcoate	***Well Diameter:***	8" steel casing		
Drill Rig Type:	Schramm T450	***Water Level (Initial):***			
Drilling Method:	Air Rotary	***Screen Length:***	NA		
Sampling Method:	Split Spoon - Grab	***TOC Elevation:***			

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		Rk weathered zone, brown						
115.0		**Rk** grey/green/blue						115.0
120.0								120.0
125.0								125.0
130.0		**Rk** weathered zone, tan						130.0
135.0		**Rk** blue/green/grey						135.0
140.0		**Rk** 6" water bearing fracture, est. 2.5-5 gpm, brown /tan						140.0
		Rk grey						
145.0		**Rk** weathered zone (brown / tan)						145.0
150.0		**Rk** grey/gree, penetration rate @ 2' / min.						150.0
		Rk						
155.0								155.0
160.0								160.0
165.0								165.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
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EXPECT MORE

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DRILLING LOG

Well No. DB-1

Project Name:	2-6463	***Start Date:***	January 21, 2008	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	January 22, 2008	***Permit No.:***	FR-95-0879
Project No:	87903	***Total Hole Depth:***	202'	***Checked By:***	NM
Client:	Exxon Mobil Cprporation	***Hole Diameter:***	0'-39'-12"_39'-202'-6"	***Notes:***	Open hole from to terminal depth
Drilling Company:	BL Myers	***Depth to Bedrock:***	34'		
Driller:	Ray Chilcoate	***Well Diameter:***	8" steel casing		
Drill Rig Type:	Schramm T450	***Water Level (Initial):***			
Drilling Method:	Air Rotary	***Screen Length:***	NA		
Sampling Method:	Split Spoon - Grab	***TOC Elevation:***			

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
170.0		**Rk** grey/green and white rock w/ quartz (calcite?) fragment visible, material is noticibly harder						170.0
175.0								175.0
180.0		**Rk** light grey , penetration rate 22 sec -over 6"						180.0
185.0								185.0
190.0		**Rk** grey/green						190.0
195.0								195.0
200.0		**Rk** weathered zone (tan/brown)						200.0
205.0		**Rk** grey/green						205.0
210.0								210.0
215.0								215.0
220.0								220.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

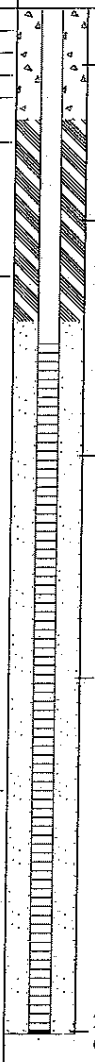
Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample
C - Macrocore Sleeve

LOG OF MONITORING WELL NO. MW-01

Project Description: **Exxon RAS # 2-6463**
Location: 8816 Fingerboard Road - Frederick, MD
Permit Number: FR-94-4734
T.O.C.: 98.7 ft Static Water Level: 28.8 ft

Depth	Water Level	Symbol/USCS	MATERIAL DESCRIPTION		PID, ppm	Penetration Blows / Foot	Core Drilled, ft.	Core Recovered, ft.
0			ASPHALT					
			CLAY, gravel, (FILL)	1.0				
			SANDY CLAY, brown	2.0				
			CLAY, brown, dry	3.0				
5			CLAY, red brown, with some silt and fine gravel, dry	4.0				
			SANDY SILT, fine, brown, with clay, dry	6.0				
10					0			
			SANDY SILT, fine, tan brown, with clay, dry	12.0				
15					2.7			
20					0			
25					0			
30	▼							
35			CLAY, brown, with silt, damp	35.0				
40			BEDROCK / LIMESTONE	40.0				
45				45.0				

Well Construction



Completion Depth:	45.9 ft	Remarks:	Bottom of well at 45.9 feet
Date Boring Started:	7/21/05		Driller: CED
Date Boring Completed:	7/21/05		Drill Method: Air Rotary
Engineer / Geologist:	CAS		Sample Method: Cuttings
Project No.:	60506606		

KLEINFELDER

The stratification lines represent approximate strata boundaries
In situ, the transition may be gradual

LOG OF MONITORING WELL NO. MW-02

Project Description: **Exxon RAS # 2-6463**
Location: 8816 Fingerboard Road - Frederick, MD
Permit Number: FR-94-4735
T.O.C.: 98.7 ft Static Water Level: 28.2 ft

Depth	Water Level	Symbol/USCS	MATERIAL DESCRIPTION		PID, ppm	Penetration Blows / Foot	Core Drilled, ft.	Core Recovered, ft.	Well Construction
0			ASPHALT						
			CLAY and GRAVEL (FILL)	1.0					
			CLAY, brown, dry, hard	2.0					
5			SILTY CLAY, brown, dry	5.0					grout (0-10)
10									bentonite seal (10-13)
15									
20									2" diameter PVC 0.010 slotted well screen (15-39.7)
25	▼								sand (13-39.7)
30			LIMESTONE, green gray	30.0					
35									
				39.7					2" pointed end cap

Completion Depth: 40 ft
Date Boring Started: 7/21/05
Date Boring Completed: 7/21/05
Engineer / Geologist: CAS
Project No.: 60506606

Remarks: Bottom of well at 39.97 feet
Driller: CED
Drill Method: Air Rotary
Sample Method: Cuttings

KLEINFELDER

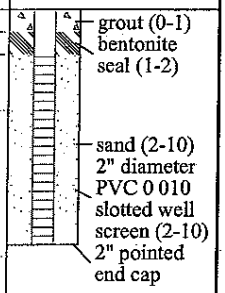
The stratification lines represent approximate strata boundaries. In situ, the transition may be gradual.

LOG OF MONITORING WELL NO. MW-03

Project Description: **Exxon RAS # 2-6463**
Location: 8816 Fingerboard Road - Frederick, MD
Permit Number: FR-94-4736
T.O.C.: 97.6 ft Static Water Level: 9.3 ft

Depth	Water Level	Symbol/USCS	MATERIAL DESCRIPTION		PID, ppm	Penetration Blows / Foot	Core Drilled, ft.	Core Recovered, ft.
0			ASPHALT					
			CLAY and SILT, with some small gravel	1.0				
			CLEAN 1/2 GRAVEL	2.0				
5			CLAY, red brown, stiff, dry (FILL)	4.5				
10	▼		ROUNDED GRAVEL (FILL)	11.0				
15			CLAY, red brown, dry, very stiff	15.0	27			
				18.0				

Well Construction



Completion Depth: 18 ft
Date Boring Started: 7/21/05
Date Boring Completed: 7/21/05
Engineer / Geologist: CAS
Project No.: 60506606

Remarks: Bottom of well at 10.47 feet
Driller: CED
Drill Method: Hollow Stem Auger
Sample Method: Cuttings

KLEINFELDER

The stratification lines represent approximate strata boundaries. In situ, the transition may be gradual

LOG OF MONITORING WELL NO. MW-04

Project Description: **Exxon RAS # 2-6463**
Location: 8816 Fingerboard Road - Frederick, MD
Permit Number: FR-94-4737
T.O.C.: 97.4 ft Static Water Level: 27.2 ft

Depth	Water Level	Symbol/USCS	MATERIAL DESCRIPTION		PID, ppm	Penetration Blows / Foot	Core Drilled, ft.	Core Recovered, ft.	Well Construction
0			ASPHALT						
			CLAY and GRAVEL (FILL)	1.0					
			CLAY and SILT, brown, with some fine gravel	2.0					
			CLAY, brown, dry, hard	3.0					grout (0-7)
5			SILTY CLAY, brown, hard, dry	4.0					
10									bentonite seal (7-13)
15									
			CLAY, brown, damp	17.0					
20									2" diameter PVC 0.010 slotted well screen (15-39.88)
25			SANDY CLAY, brown, medium grained, wet	25.0					
	▼								sand (13-39.88)
30									
35									
				39.9					2" pointed end cap

Completion Depth: 39.9 ft.
Date Boring Started: 7/21/05
Date Boring Completed: 7/21/05
Engineer / Geologist: CAS
Project No.: 60506606

Remarks: Bottom of well at 39.88 feet.
Driller: CED
Drill Method: Air Rotary
Sample Method: Cuttings

KLEINFELDER

The stratification lines represent approximate strata boundaries
In situ, the transition may be gradual

KLEINFELDER
EXPECT MORE

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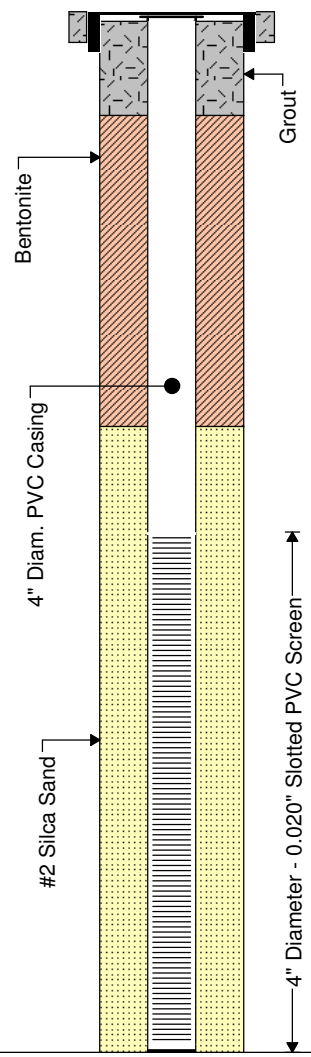
DRILLING LOG

Well No. MW-10

Project Name:	2-6463	***Start Date:***	September 14, 2006	***Logged By:***	DH
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 14, 2006	***Permit No.:***	FR-95-0211
Project No:	69427	***Total Hole Depth:***	50 feet	***Checked By:***	
Client:	Exxon Mobil Corporation	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	CED	***Depth to Bedrock:***	35 feet		
Driller:	Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	Schramm	***Water Level (Initial):***	Not Encountered		
Drilling Method:	Air Rotary	***Screen Length:***	25 feet		
Sampling Method:	NA	***TOC Elevation:***	100.04		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0		GROUND SURFACE				
		ASPHALT				
		MODIFIED STONE				
		SILTY CLAY, orange, very hard				0
5.0		SILT, orange with GRAVEL				0
		SAPROLITE, SILT, reddish brown, dry				
10.0						
15.0		moist @ 15'				
20.0						
25.0						
30.0		very moist @ 30'				
35.0		BEDROCK, highly weathered, olive to brown				
40.0						
45.0						
50.0		BEDROCK, gray				

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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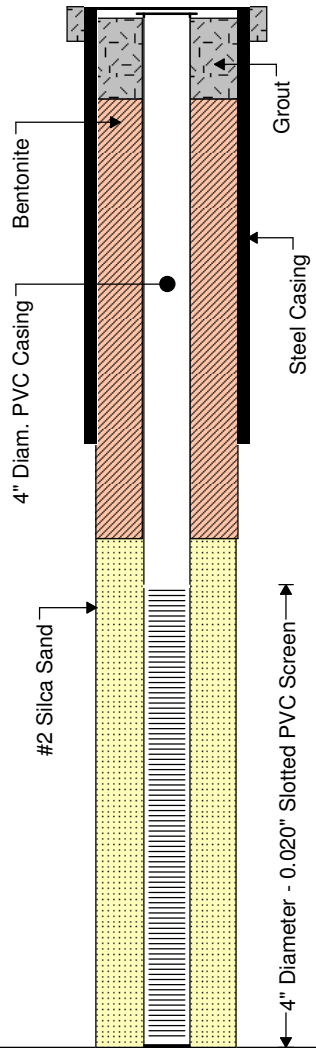
DRILLING LOG

Well No. MW-11

Project Name:	2-6463	***Start Date:***	September 14, 2006	***Logged By:***	DH
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 14, 2006	***Permit No.:***	FR-95-0212
Project No:	69427	***Total Hole Depth:***	30 feet	***Checked By:***	
Client:	Exxon Mobil Corporation	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	CED	***Depth to Bedrock:***	Not Encountered		
Driller:	Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	Schramm	***Water Level (Initial):***	Not Encountered		
Drilling Method:	Air Rotary	***Screen Length:***	20 feet		
Sampling Method:	NA	***TOC Elevation:***	95.95		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0		GROUND SURFACE				
		ASPHALT				
		MODIFIED STONE				
		SILTY CLAY, orange brown, with GRAVEL				0
5.0						0
						0
		SILT, reddish brown, with GRAVEL				
10.0		GRAVEL, wet				
15.0						
		CLAYEY SILT, olive				
20.0						
25.0						
30.0		BEDROCK, gray, very hard				
35.0						
40.0						
45.0						

Well Completion Details



Depth (feet): 0.0, 5.0, 10.0, 15.0, 20.0, 25.0, 30.0, 35.0, 40.0, 45.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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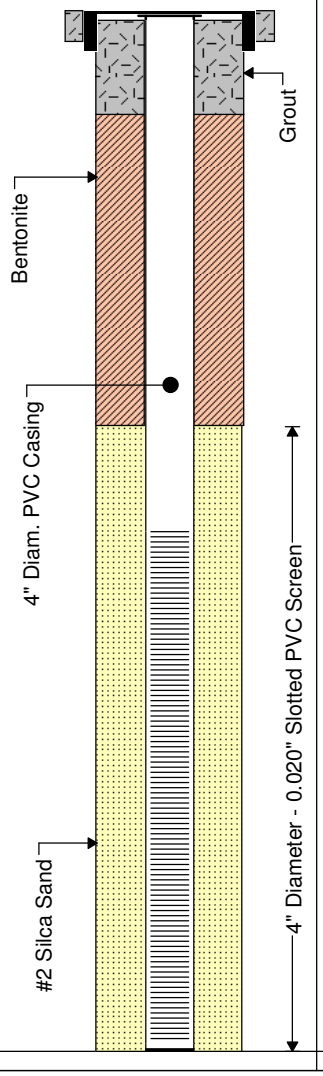
DRILLING LOG

Well No. MW-5

Project Name:	2-6463	***Start Date:***	September 14, 2006	***Logged By:***	DH
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 14, 2006	***Permit No.:***	FR-95-0206
Project No:	69427	***Total Hole Depth:***	50 feet	***Checked By:***	
Client:	Exxon Mobil Corporation	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	CED	***Depth to Bedrock:***	30 feet		
Driller:	Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	Schramm	***Water Level (Initial):***	27.11		
Drilling Method:	Air Rotary	***Screen Length:***	25 feet		
Sampling Method:	NA	***TOC Elevation:***	92.16		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0		GROUND SURFACE				
		GRASS				
		CLAYEY SILT, orange brown, with some gravel				0
5.0						0 0
		SAPROLITE, reddish brown to pale brown				
10.0						
15.0						
20.0						
25.0						
30.0		BEDROCK, highly weathered, brown to olive, moist				
35.0						
40.0						
		BEDROCK, hard, gray				
45.0		soft zone				
50.0						

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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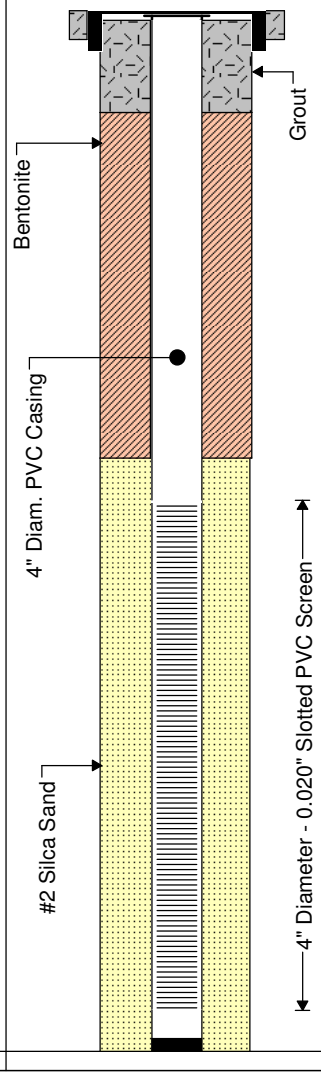
DRILLING LOG

Well No. MW-6

Project Name:	2-6463	***Start Date:***	September 14, 2006	***Logged By:***	DH
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 14, 2006	***Permit No.:***	FR-95-0207
Project No:	69427	***Total Hole Depth:***	51 feet	***Checked By:***	
Client:	Exxon Mobil Corporation	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	CED	***Depth to Bedrock:***	45 feet		
Driller:	Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	Schramm	***Water Level (Initial):***	Not Encountered		
Drilling Method:	Air Rotary	***Screen Length:***	25 feet		
Sampling Method:	NA	***TOC Elevation:***	93.35		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
0.0		GROUND SURFACE						0.0
		TOP SOIL						
		CLAYEY SILT, orange brown to pale brown, with some GRAVEL				0		
5.0								5.0
10.0								10.0
15.0								15.0
20.0								20.0
25.0								25.0
30.0								30.0
35.0		very moist @ 35'						35.0
40.0								40.0
45.0		BEDROCK, weathered, olive						45.0
		BEDROCK						
50.0								50.0



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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Hanover, MD 21076
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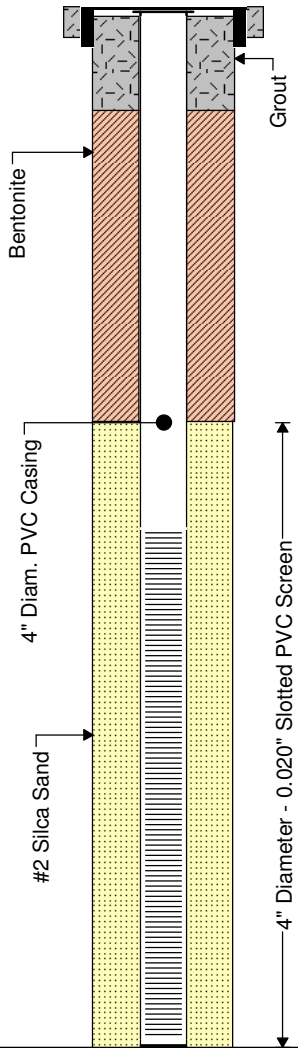
DRILLING LOG

Well No. MW-7\ SB-4

Project Name:	2-6463	***Start Date:***	September 26, 2006	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 27, 2006	***Permit No.:***	FR-95-0208
Project No:	69427	***Total Hole Depth:***	50 feet	***Checked By:***	
Client:	Exxon Mobil	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	SGS\ CED	***Depth to Bedrock:***	32 feet		
Driller:	Colman\ Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	CME75	***Water Level (Initial):***	30.54		
Drilling Method:	HSA\ Air Rotary	***Screen Length:***	25 feet		
Sampling Method:	Split Spoon	***TOC Elevation:***	97.45		

Depth (feet)	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0	GROUND SURFACE				
	ASPHALT				
	MODIFIED STONE				
	SILTY CLAY, orange to red, hard				
5.0	SILTY CLAY, orange, with GRAVEL, very hard				
	MH - SILTY CLAY, orange brown	SB-4(8-10)'	3-5 4-5	18"	0
10.0		SB-4(10-12)'	2-4 4-6	18"	0
	CL - CLAYEY SILT, brown	SB-4(12-14)'	3-4 5-6	18"	0
15.0		SB-4(14-16)'	2-4 6-9	18"	0
		SB-4(16-18)'	2-5 4-2	24"	0
	CL - SILT, with CLAY, orange brown	SB-4(18-20)'	2-3 3-6	12"	0
20.0	CH - CLAY, orange brown, moist	SB-4(20-22)'	4-4 5-5	12"	71
		SB-4(22-24)'	3-3 4-3	18"	11
25.0	MH - CLAYEY SILT, orange brown	SB-4(24-26)'	2-2 2-2	6"	12
		SB-4(26-28)'	2-2 3-4	0"	-
	MH - SILTY CLAY, orange brown	SB-4(28-29)'	6-4	24"	24
30.0		SB-4(29-30)'	15-27		62
	ML - SILT, green and brown (Saprolite)	SB-4(30-32)'	7-13 4-50/1"	18"	174
	Competent Bedrock, gray to brown				
35.0					
40.0					
45.0					
50.0					

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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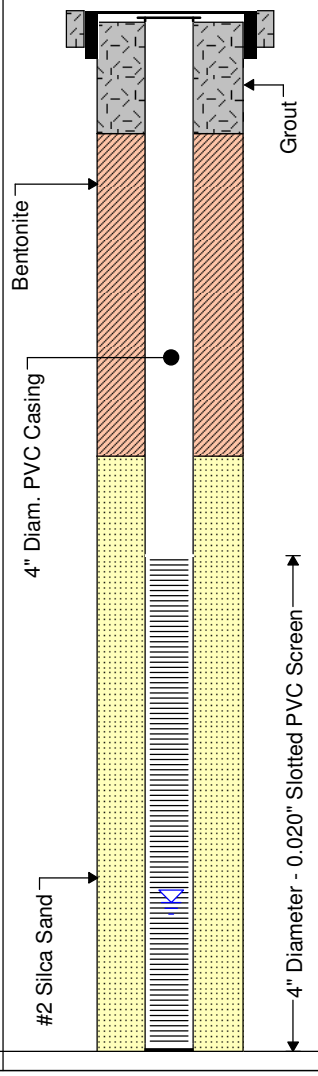
DRILLING LOG

Well No. MW-8

Project Name:	2-6463	***Start Date:***	September 13, 2006	***Logged By:***	DH
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 13, 2006	***Permit No.:***	FR-95-0209
Project No:	69427	***Total Hole Depth:***	42 feet	***Checked By:***	
Client:	Exxon Mobil Corporation	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	CED	***Depth to Bedrock:***	30 feet		
Driller:	Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	Schramm	***Water Level (Initial):***	36 feet		
Drilling Method:	Air Rotary	***Screen Length:***	20 feet		
Sampling Method:	NA	***TOC Elevation:***	98.5		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0		GROUND SURFACE				
		ASPHALT				
		MODIFIED STONE				
		SANDY CLAY, brown				
5.0		CLAYEY SILT, orange brown, with GRAVEL				0
		SAPROLITE, pale reddish brown, moist				0
10.0						
15.0						
20.0						
25.0						
30.0		BEDROCK, highly weathered, olive				
35.0		BEDROCK, pale brown				
40.0						

Well Completion Details



Depth (feet): 0.0, 5.0, 10.0, 15.0, 20.0, 25.0, 30.0, 35.0, 40.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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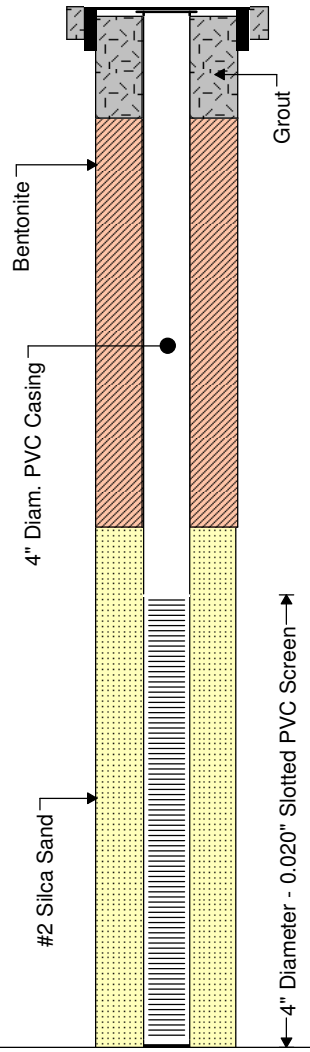
DRILLING LOG

Well No. MW-9

Project Name:	2-6463	***Start Date:***	September 13, 2006	***Logged By:***	DH
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 13, 2006	***Permit No.:***	FR-95-0210
Project No:	69427	***Total Hole Depth:***	46 feet	***Checked By:***	
Client:	Exxon Mobil Corporation	***Hole Diameter:***	8 inches	***Notes:***	
Drilling Company:	CED	***Depth to Bedrock:***	27 feet		
Driller:	Bob Tingley	***Well Diameter:***	4 inches		
Drill Rig Type:	Schramm	***Water Level (Initial):***	Not Encountered		
Drilling Method:	Air Rotary	***Screen Length:***	20 feet		
Sampling Method:	NA	***TOC Elevation:***	99.14		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)
0.0		GROUND SURFACE				
		ASPHALT				
		MODIFIED STONE				
		SILTY CLAY, very hard				
5.0		CLAYEY SILT, with gravel				0
						0
10.0						
15.0						
20.0						
25.0						
		BEDROCK, olive to brown				
30.0						
35.0		moist @ 36'				
40.0		very moist @ 40'				
45.0						

Well Completion Details



PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample submitted for laboratory analysis

- Water Level Initial Measurement
- Water Level Subsequent Measurement

Sample ID:
HA - Hand Auger Sample
S - Split Spoon Sample
GS - Grab Sample

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BORING LOG

Bore No. SB-1

Project Name:	2-6463	***Start Date:***	September 27, 2006	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 27, 2006	***Permit No.:***	NA
Project No:	69427	***Total Hole Depth:***	22 feet	***Checked By:***	
Client:	Exxon Mobil	***Hole Diameter:***	6 inches	***Notes:***	
Drilling Company:	SGS	***Depth to Bedrock:***	Not Encountered		
Driller:	Coleman	***Well Diameter:***	NA		
Drill Rig Type:	CME75	***Water Level (Initial):***	NA		
Drilling Method:	HSA	***Screen Length:***	NA		
Sampling Method:	Split Spoon	***TOC Elevation:***	NA		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Depth (feet)
0.0		GROUND SURFACE					0.0
		ASPHALT					
1.0		MODIFIED STONE					1.0
2.0		SILTY CLAY, red to orange, very hard					2.0
3.0							3.0
4.0							4.0
5.0						0	5.0
6.0							6.0
7.0		Air knifed to 8' Below Grade on 9/13/06				0 0	7.0
8.0		CL - SILTY CLAY, brown					8.0
9.0			No Recovery	4 8 10 10	0"		9.0
10.0							10.0
11.0			SB-1(10-12)'	3 4 5 7	18"	0	11.0
12.0		ML - SILT, with medium to large angular GRAVELS, brown					12.0
13.0			SB-1(12-14)'	5 6 10 11	6"	0	13.0
14.0		ML - SILT, light brown					14.0
15.0			* SB-1(14-16)'	4 23 25 50	24"	0	15.0
16.0		CL - CLAYEY SILT, orange-brown, moist					16.0
17.0			SB-1(16-17.5'	5 7 23	18"	0	17.0
18.0		ML - SILT, tan, (Saprolite)	SB-1(17.5-18)'	12		0	18.0
19.0		ML - SILT, tan, (Saprolite), with some large angular GRAVELS	SB-1(18-20)'	2 15 50/4	12"	0	19.0
20.0		ML - SILT, tan, (Saprolite), small angular GRAVELS					20.0
21.0			SB-1(20-22)'	12 50/1	3"	0	21.0
22.0							22.0
23.0			SB-1(22-24)'	14 7 7 50/2	1"	0	23.0
24.0							24.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample Submitted for Laboratory Analysis

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BORING LOG

Bore No. SB-2

Project Name:	2-6463	***Start Date:***	September 26, 2006	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 26, 2006	***Permit No.:***	NA
Project No:	69427	***Total Hole Depth:***	34 feet	***Checked By:***	
Client:	Exxon Mobil	***Hole Diameter:***	6 inches	***Notes:***	
Drilling Company:	SGS	***Depth to Bedrock:***	Not Encountered		
Driller:	Coleman	***Well Diameter:***	NA		
Drill Rig Type:	CME75	***Water Level (Initial):***	NA		
Drilling Method:	HSA	***Screen Length:***	NA		
Sampling Method:	Split Spoon	***TOC Elevation:***	NA		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Depth (feet)
0.0		GROUND SURFACE					0.0
1.0		ASPHALT					1.0
2.0		MODIFIED STONE					2.0
3.0		SILTY CLAY, orange, very hard				0	3.0
4.0							4.0
5.0						0	5.0
6.0							6.0
7.0		Air Knifed to 8' Below Grade on 9/13/06				0	7.0
8.0		CL - SILTY CLAY, red brown, with some medium angular GRAVELS					8.0
9.0			SB-2(8-10)'	17-19 11-21	18"	0	9.0
10.0							10.0
11.0			SB-2(10-12)'	15-29 28-31	24"	0	11.0
12.0		ML - SILT, tan, (Saprolite)					12.0
13.0			SB-2(12-14)'	10-29 26-46	24"	0	13.0
14.0		ML - SILT, red-brown and tan, micaceous (Saprolite)					14.0
15.0			SB-2(14-16)'	12-25 38-50/3"	12"	0	15.0
16.0							16.0
17.0			SB-2(16-18)'	17-38 50/4	12"	0	17.0
18.0							18.0
19.0			SB-2(18-20)'	19-44 41-50	18"	0	19.0
20.0							20.0
21.0			SB-2(20-22)'	31 50/3	12"	0	21.0
22.0		ML - SILT, brown to tan (Saprolite)					22.0
23.0			SB-2(22-24)'	31 50/4	12"	0	23.0
24.0							24.0
25.0			SB-2(24-26)'	44 50/4	12"	0	25.0
26.0							26.0
27.0		ML - SILT, gray, micaceous, and medium angular GRAVELS	SB-2(26-28)'	50/3	1"	0	27.0
28.0							28.0
29.0			SB-2(28-29)'	29-21	12"	0	29.0
30.0		CL - CLAYEY SILT, (Saprolite), red brown, with large angular GRAVELS, wet	SB-2(29-30)'	50/4			30.0
31.0		SC(ML) - SILTY SAND, coarse, red brown, with medium angular GRAVELS, wet	SB-2(30-32)'	21 50/3	6"	5	31.0
32.0							32.0
33.0		CL - CLAYEY SILT, red brown, moist	* SB-2(32-34)'	50/3	6"	0	33.0
34.0							34.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample Submitted for Laboratory Analysis

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BORING LOG

Bore No. SB-3

Project Name:	2-6463	***Start Date:***	September 27, 2006	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 27, 2006	***Permit No.:***	NA
Project No:	69427	***Total Hole Depth:***	32 feet	***Checked By:***	
Client:	Exxon Mobil	***Hole Diameter:***	6 inches	***Notes:***	
Drilling Company:	SGS	***Depth to Bedrock:***	32 feet		
Driller:	Coleman	***Well Diameter:***	NA		
Drill Rig Type:	CME75	***Water Level (Initial):***	NA		
Drilling Method:	HSA	***Screen Length:***	NA		
Sampling Method:	Split Spoon	***TOC Elevation:***	NA		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Depth (feet)
0.0		GROUND SURFACE					0.0
1.0		ASPHALT					1.0
2.0		MODIFIED STONE					2.0
3.0		SILTY CLAY, orange, with gravel					3.0
4.0		Air knifed to 4' Below Grade on 9/13/06					4.0
5.0							5.0
6.0							6.0
7.0							7.0
8.0		ML - CLAYEY SILT, orange brown, with medium angular GRAVELS, dry	SB-3(8-10)'	4-11 9-11	24"	0	8.0
9.0							9.0
10.0		ML - CLAYEY SILT, orange brown	SB-3(10-12)'	2-6 6-12	18"	0	10.0
11.0							11.0
12.0		CL - SILT with CLAY, brown	SB-3(12-14)'	3-6 6-7	24"	0	12.0
13.0							13.0
14.0			SB-3(14-16)'	2-6 6-7	12"	0	14.0
15.0							15.0
16.0		MH - SILTY CLAY, orange brown	SB-3(16-17.5)'	2-3 21-16	18"	0	16.0
17.0							17.0
18.0		ML - SILT, brown	SB-3(17.5-18)'			0	18.0
19.0			SB-3(18-20)'	3-31 33-26	18"	0	19.0
20.0		ML - SILT, (Saprolite), brown	SB-3(20-22)'	4-9 21-23	12"		20.0
21.0							21.0
22.0		CH - CLAY, orange brown	SB-3(22-24)'	5-4 6-7	18"	0	22.0
23.0							23.0
24.0		MH - SILTY CLAY, orange brown	SB-3(24-26)'	4-4 7-11	24"	0	24.0
25.0							25.0
26.0		CL - SILT, orange brown	SB-3(26-28)'	4-6 7-11	18"	0	26.0
27.0							27.0
28.0		ML - SILT, with CLAY, (Saprolite), brown	SB-3(28-30'	15-16 22-22	18"	0	28.0
29.0							29.0
30.0		ML - SILT, with CLAY, (Saprolite), brown and gray, and small angular GRAVELS, moist	* SB-3(30-32)'	7-23 50/0	12"	37	30.0
31.0							31.0
32.0							32.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample Submitted for Laboratory Analysis

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BORING LOG

Bore No. SB-4

Project Name:	2-6463	***Start Date:***	September 26, 2006	***Logged By:***	BPS
Site Location:	8816 Fingerboard Road, Frederick, MD	***End Date:***	September 27, 2006	***Permit No.:***	NA
Project No:	69427	***Total Hole Depth:***	32 feet	***Checked By:***	
Client:	Exxon Mobil	***Hole Diameter:***	6 inches	***Notes:***	
Drilling Company:	SGS	***Depth to Bedrock:***	32 feet		
Driller:	Colman	***Well Diameter:***	NA		
Drill Rig Type:	CME75	***Water Level (Initial):***	NA		
Drilling Method:	HSA	***Screen Length:***	NA		
Sampling Method:	Split Spoon	***TOC Elevation:***	NA		

Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration / Recovery	PID Headspace (ppm)	Depth (feet)
0.0		GROUND SURFACE					0.0
1.0		ASPHALT					1.0
2.0		MODIFIED STONE					2.0
3.0		SILTY CLAY, orange to red, hard					3.0
4.0							4.0
5.0		SILTY CLAY, orange, with GRAVEL, very hard					5.0
6.0							6.0
7.0							7.0
8.0		MH - SILTY CLAY, orange brown					8.0
9.0			SB-4(8-10)'	3-5 4-5	18"	0	9.0
10.0							10.0
11.0			SB-4(10-12)'	2-4 4-6	18"	0	11.0
12.0		CL - CLAYEY SILT, brown					12.0
13.0			SB-4(12-14)'	3-4 5-6	18"	0	13.0
14.0							14.0
15.0			SB-4(14-16)'	2-4 6-9	18"	0	15.0
16.0							16.0
17.0			SB-4(16-18)'	2-5 4-2	24"	0	17.0
18.0		CL - SILT, with CLAY, orange brown					18.0
19.0			SB-4(18-20)'	2-3 3-6	12"	0	19.0
20.0		CH - CLAY, orange brown, moist					20.0
21.0			SB-4(20-22)'	4-4 5-5	12"	71	21.0
22.0							22.0
23.0			SB-4(22-24)'	3-3 4-3	18"	11	23.0
24.0		MH - CLAYEY SILT, orange brown					24.0
25.0			SB-4(24-26)'	2-2 2-2	6"	12	25.0
26.0							26.0
27.0			SB-4(26-28)'	2-2 3-4	0"	-	27.0
28.0		MH - SILTY CLAY, orange brown	SB-4(28-29)'	6-4	24"	24	28.0
29.0		ML - SILT, green and brown (Saprolite)	SB-4(29-30)'	15-27		62	29.0
30.0							30.0
31.0			SB-4(30-32)'	7-13 4-50/1"	18"	174	31.0
32.0							32.0

PID - Photoionization Detector
ppm - Parts per million
NA - Not Applicable
* Sample Submitted for Laboratory Analysis

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DRILLING LOG
Boring No. SB-1

Project Name: ExxonMobil Station # 2-6463
Site Location: 8816 Fingerboard Road, Frederick, MD
Kleinfelder Project No: XOM 2-6463
Client: ExxonMobil Corporation
Drilling Company: Connelly
Driller: NR
Drill Rig Type: Geoprobe®
Drilling Method: Geoprobe®
Sampling Method: Macro-core

Start Date: 07/28/09
End Date: 07/29/09
Total Hole Depth: 33.5'
Hole Diameter: NR
Depth to Bedrock: NR
Surface Elevation: NA
Water Level (Initial): 31.5'
Water Level (Static): NA
Logged By (Geol.): G. Moore/M. Wikstrom

Permit No.: NA
License No.: NA
Checked By: JB
Notes: Pre-cleared boring to 5' bgs

SUBSURFACE PROFILE			SAMPLE				
Depth (feet)	Graphic Log	USCS Code Soil/Geologic Description	Sample ID	VOC (ppm) 0–2000	Blows/6"	Penetration/ Recovery	Depth (feet)
		Ground Surface					
0		ASPHALT Asphalt		1.0			0
1		CH Olive, dry, gravelly SILT		1.8			1
2		CH Brown, dry, sandy CLAY, mottled		3.1			2
3				2.8			3
4				3.1			4
5		SP-SC Yellow-brown, fine clayey SAND, trace gravel, mottled		3.3			5
6							6
7				1.6			7
8							8
9							9
10				2.7			10
11							11
12		CLAY lenses @ 12'		1.7			12
13							13
14							14
15		CH Yellow to red-brown beige, CLAY with sand, mottled, compressible		4.5			15
16							16
17				0.8			17
18		SP-SC Lenses of clayey SAND					18
19							19
20				4.7			20

VOC - Volatile Organic Compound
NA - Not Applicable
NS - Not Sampled
NR - Not Recorded
NM - Not Measured
ppm - parts per million

USCS - Unified Soil Classification System
bgs - below ground surface

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DRILLING LOG
Boring No. SB-1

Project Name: ExxonMobil Station # 2-6463
Site Location: 8816 Fingerboard Road, Frederick, MD
Kleinfelder Project No: XOM 2-6463
Client: ExxonMobil Corporation
Drilling Company: Connelly
Driller: NR
Drill Rig Type: Geoprobe®
Drilling Method: Geoprobe®
Sampling Method: Macro-core

Start Date: 07/28/09
End Date: 07/29/09
Total Hole Depth: 33.5'
Hole Diameter: NR
Depth to Bedrock: NR
Surface Elevation: NA
Water Level (Initial): 31.5'
Water Level (Static): NA
Logged By (Geol.): G. Moore/M. Wikstrom

Permit No.: NA
License No.: NA
Checked By: JB
Notes: Pre-cleared boring to 5' bgs

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	USCS Code Soil/Geologic Description	Sample ID	VOC (ppm) 0 – 2000	Blows/6"	Penetration/ Recovery	Depth (feet)
21				4.7			21
22		SP-SC Green-gray to yellow brown mottled, fine to medium clayey SAND,		1.4			22
23							23
24							24
25		SP-SC Green-gray to yellow brown, mottled, CLAY lenses Refusal encountered	SB-1 (25-26)	20.2			25
26							26
27				1.5			27
28							28
29							29
30				1.4			30
31			SB-1 (31.32.5)	1.0			31
32							32
33							33
34		End of Borehole					34
35							35
36							36
37							37
38							38
39							39
40							40

VOC - Volatile Organic Compound
NA - Not Applicable
NS - Not Sampled
NR - Not Recorded
NM - Not Measured
ppm - parts per million

USCS - Unified Soil Classification System
bgs - below ground surface

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DRILLING LOG
Boring No. SB-2

Project Name: ExxonMobil Station # 2-6463
Site Location: 8816 Fingerboard Road, Frederick, MD
Kleinfelder Project No: XOM 2-6463
Client: ExxonMobil Corporation
Drilling Company: Connelly
Driller: NR
Drill Rig Type: Geoprobe®
Drilling Method: Geoprobe®
Sampling Method: Macro-core

Start Date: 07/28/09
End Date: 07/29/09
Total Hole Depth: 15'
Hole Diameter: NR
Depth to Bedrock: NR
Surface Elevation: NA
Water Level (Initial): 15'
Water Level (Static): NA
Logged By (Geol.): G. Moore/M. Wikstrom

Permit No.: NA
License No.: NA
Checked By: JB
Notes: Pre-cleared boring to 5' bgs

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Graphic Log	USCS Code Soil/Geologic Description	Sample ID	VOC (ppm) 0–2000	Blows/6"	Penetration/ Recovery	Depth (feet)
		Ground Surface					
0		ASPHALT Asphalt		1.0			0
1				1.8			1
2		CL Yellowish brown, moist, CLAY with sand,		3.1			2
3				2.4			3
4		CL Yellowish brown, CLAY with sand, stone					4
5		SP-SC Yellow-brown, fine clayey SAND, trace gravel, mottled		5.7			5
6							6
7		Lenses of sandy CLAY (CH)		3.7			7
8							8
9							9
10		PEAGRAVEL, strong hydrocarbon odor		82.4			10
11							11
12		CH Green, fat, CLAY with sand			2,191		12
13							13
14			SB-2 (14-15)		2,502		14
15		End of Borehole					15
16							16
17							17
18							18
19							19
20							20

VOC - Volatile Organic Compound
NA - Not Applicable
NS - Not Sampled
NR - Not Recorded
NM - Not Measured
ppm - parts per million

USCS - Unified Soil Classification System
bgs - below ground surface

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DRILLING LOG
Boring No. SB-3

Project Name: ExxonMobil Station # 2-6463
Site Location: 8816 Fingerboard Road, Frederick, MD
Kleinfelder Project No: XOM 2-6463
Client: ExxonMobil Corporation
Drilling Company: Connelly
Driller: NR
Drill Rig Type: Geoprobe®
Drilling Method: Geoprobe®
Sampling Method: Macro-core

Start Date: 07/29/09
End Date: 07/29/09
Total Hole Depth: 21.5'
Hole Diameter: NR
Depth to Bedrock: NR
Surface Elevation: NA
Water Level (Initial): Not encountered
Water Level (Static): NA
Logged By (Geol.): G. Moore/M. Wikstrom

Permit No.: NA
License No.: NA
Checked By:
Notes: Pre-cleared boring to 8' bgs

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Graphic Log	USCS Code / Soil/Geologic Description	Sample ID	VOC (ppm) 0–2000	Blows/6"	Penetration/ Recovery	Depth (feet)
0		Ground Surface					0
		ML Asphalt		0.2			
1		SP-SM Dark brown, dry, SAND with silt and clay		0.3			1
2				0.6			2
3				0.4.			3
4				0.5			4
5		SP-SM Yellow-brown, dry, SAND with silt and clay		0.5			5
6							6
7							7
8				0.5			8
9		SM Yellow-brown to green brown mottled, fine to medium silty SAND					9
10		Increasing clay		5.9			10
11							11
12		SP-SC Brown-yellow to green-brown mottled, fine to medium, clayey SAND		4.1			12
13							13
14							14
15				5.9			15
16							16
17				3.6			17
18							18
19		Green mudstone lens @ 19'					19
20							20

VOC - Volatile Organic Compound
NA - Not Applicable
NS - Not Sampled
NR - Not Recorded
NM - Not Measured
ppm - parts per million

USCS - Unified Soil Classification System
bgs - below ground surface

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1340 Charwood Road
Suite I
Hanover, MD 21076

DRILLING LOG
Boring No. SB-3

Project Name: ExxonMobil Station # 2-6463
Site Location: 8816 Fingerboard Road, Frederick, MD
Kleinfelder Project No: XOM 2-6463
Client: ExxonMobil Corporation
Drilling Company: Connelly
Driller: NR
Drill Rig Type: Geoprobe®
Drilling Method: Geoprobe®
Sampling Method: Macro-core

Start Date: 07/29/09
End Date: 07/29/09
Total Hole Depth: 21.5'
Hole Diameter: NR
Depth to Bedrock: NR
Surface Elevation: NA
Water Level (Initial): Not encountered
Water Level (Static): NA
Logged By (Geol.): G. Moore/M. Wikstrom

Permit No.: NA
License No.: NA
Checked By:
Notes: Pre-cleared boring to 8' bgs

SUBSURFACE PROFILE			SAMPLE				
Depth (feet)	Graphic Log	USCS Code Soil/Geologic Description	Sample ID	VOC (ppm) 0 – 2000	Blows/6"	Penetration/ Recovery	Depth (feet)
21		Dark gray, LIMESTONE Refusal encountered	SB-3 (20-21.5)	60.6			21
22		End of Borehole					22
23							23
24							24
25							25
26							26
27							27
28							28
29							29
30							30
31							31
32							32
33							33
34							34
35							35
36							36
37							37
38							38
39							39
40							40

VOC - Volatile Organic Compound
NA - Not Applicable
NS - Not Sampled
NR - Not Recorded
NM - Not Measured
ppm - parts per million

USCS - Unified Soil Classification System
bgs - below ground surface

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5015 Shoreham Place
San Diego, California 92122
(858) 320-2000

DRILLING LOG
MW-12

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/29/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 30.5 feet
Well Diameter: 4 inches
Water Level (Initial): 30 feet
Screen Length: 30 feet
TOC Elevation: 97.31 feet

Permit No.: FR-95-1299
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)		Depth (feet)
		Ground Surface						
		Asphalt.				0	Concrete; Flush Mount	
		SC CLAYEY SAND with fine gravel, fine sand, gray-brown, dry. same as above with increasing clay content at 2' same as above, reddish brown at 3'				0.1 0.0 0.2		
5		CL SANDY CLAY with trace fine gravel, reddish brown, dry, moderate cementation. same as above, weak cementation at 6' same as above, with cobbles at 7'				0.3 0.1 0.0		5
		SC CLAYEY SAND, fine sand, loose, reddish brown, dry. same as above, medium dense at 9'	MW-12 (9-9.5)	1 4 7 5	24/21	11.7 11.0 13.4 13.1		
10		CL SANDY CLAY, fine sand, firm, reddish brown, dry.		3 4 3 6	24/20	8.9 8.6 10.3 9.8	Bentonite	10
		SC CLAYEY SAND, fine sand, loose, brown, dry.		9 5 4 6	24/20	1.9 1.9 2.9 2.6		
		CL SANDY CLAY with trace fine gravel, fine sand, hard, reddish brown, dry.				3.3		
15		SC CLAYEY SAND with trace gravel, fine sand, loose, brown, dry.		3 3 4 4	24/21	4.0 2.6 1.9		15
		same as above, medium dense.		3 5 6 6	24/23	1.9 2.6 2.6 2.6		
		same as above, with fine gravel, loose, reddish brown.		3 2 5 8	24/24	1.0 0.3 0.0 0.0	4" PVC Riser; #2 Silica Sand	

PID - Photoionization Dectector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

DRILLING LOG - KLEINFELDER.GDT - 5/29/09 10:42 - U:\GINT\PROJECTS\OTHER OFFICES\HANOVER MD\DONE\NM\26463.GPJ

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5015 Shoreham Place
San Diego, California 92122
(858) 320-2000

DRILLING LOG
MW-12

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/29/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 30.5 feet
Well Diameter: 4 inches
Water Level (Initial): 30 feet
Screen Length: 30 feet
TOC Elevation: 97.31 feet

Permit No.: FR-95-1299
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE				
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)	Well Completion Details
		GW GRAVEL with fine sand, fine gravel, loose, dark brown, dry. same as above, weathered rock. no recovery 21.5 to 22, and 22.5 to 24', lithology inferred.		5 4 4 3	24/18	0.3 0.0 0.0 0.0	
				4 2 2 2	24/6		
25		CL SANDY CLAY, fine sand, very soft, brown, moist. no recovery 25 to 26', lithology inferred. same as above, reddish brown.		1 1 2 1	24/12	0.3 0.0	
				1 2 1 1	24/20	0.0 0.0 0.0 0.0	
		SC CLAYEY SAND with fine gravel, fine sand, very loose, dark brown, moist.	MW-12 (29.5-30)	1 1 1 2	24/21	0.0 0.0 0.0 0.0	
30		GC CLAYEY GRAVEL, fine gravel, very dense, dark brown, wet. Split spoon and auger refusal at 30.5', continue using air rotary to 50'. Competent bedrock encountered from 30.5 to 50' (terminus), lithology not recorded.		50	6/2		
35							4" 0.020 slotted screen
40							

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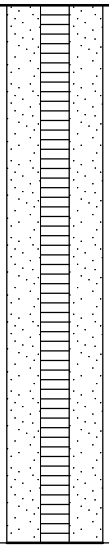
San Diego, California 92122
(858) 320-2000

DRILLING LOG
MW-12

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/29/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 30.5 feet
Well Diameter: 4 inches
Water Level (Initial): 30 feet
Screen Length: 30 feet
TOC Elevation: 97.31 feet

Permit No.: FR-95-1299
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)		Depth (feet)
45								45
50		Bottom of borehole at 50 feet.						50

PID - Photoionization Dectector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

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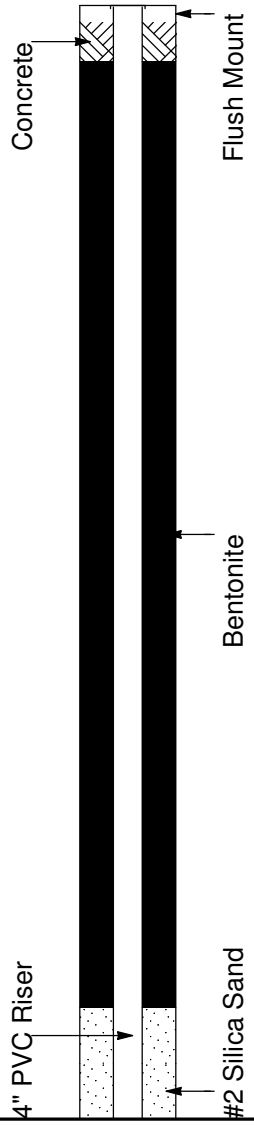
DRILLING LOG
MW-13

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/29/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 26 feet
Well Diameter: 4 inches
Water Level (Initial): 37.5 feet
Screen Length: 30 feet
TOC Elevation: 97.93 feet

Permit No.: FR-95-1301
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE				
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)	Well Completion Details
		Ground Surface					
		Asphalt.				0	
		SC CLAYEY SAND with fine gravel, fine sand, gray-brown, dry.				0.3	
		CL CLAY with fine gravel, brown, dry, moderate cementation.				0.1	
		SANDY CLAY with trace fine gravel, fine sand, reddish brown, dry, moderate cementation.				0.4	
5						0.4	
		SC CLAYEY SAND, fine sand, reddish brown, dry, moderate cementation. Cobbles observed, inadequate recovery for sample collection from 7 to 8'				0.0	
		SC CLAYEY SAND with fine gravel, loose, brown, dry.	MW-13 (9.5-10)	3 4 4 4	24/16	19.6 25.0 25.7	
10		same as above, with trace fine gravel at 9.5' same as above, weak cementation at 10' same as above, medium dense at 11'		4 7 8 10	24/21	8.2 10.1 14.0 12.7	
		same as above, no gravel same as above, increasing clay content		11 10 7 6	24/18	9.5 10.9 8.7	
		same as above, loose same as above, reddish brown		2 3 6 3	24/24	1.0 0.3 1.7 0.8	
15		ML SANDY SILT with fine gravel, fine sand, firm, brown, dry. same as above, firm at 17'		2 3 5 5	24/20	1.7 3.1 0.3 0.0	
		SM SILTY SAND, fine sand, loose, brown, dry. same as above, trace fine gravel.		2 2 6 8	24/24	0.0 0.8 0.5 0.7	



PID - Photoionization Dectector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

DRILLING LOG - KLEINFELDER.GDT - 5/29/09 10:42 - U:\GINT\PROJECTS\OTHER OFFICES\HANOVER MD\DONE\NM\26463.GPJ

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San Diego, California 92122
(858) 320-2000

DRILLING LOG
MW-13

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/29/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 26 feet
Well Diameter: 4 inches
Water Level (Initial): 37.5 feet
Screen Length: 30 feet
TOC Elevation: 97.93 feet

Permit No.: FR-95-1301
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE				
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)	Well Completion Details
		SM SILTY SAND with fine gravel, fine sand, loose, dark brown, dry. same as above, brown at 21' same as above, dark brown at 21.5' same as above, very dense no recovery from 23.5 to 24'		6 8 7 4	24/24	0.0 0.7 0.3 0.0	
				11 18 50/4"	16/15	0.7 0.0 0.0	
		GW GRAVEL with fine sand, very dense, olive brown, dry. no recovery from 24.5 to 26', lithology inferred.		50/3"	3/3	0.3	
25		GM SILTY GRAVEL with rock fragments, very dense, olive brown, dry. Split spoon and auger refusal at 26.5', continue using air rotary to 50'. Competent bedrock encountered from 26.5 to 50' (terminus), lithology not recorded.		50/2"	2/1	0.4	
30							
35							4" 0.020 slotted screen
40							

PID - Photoionization Dectector
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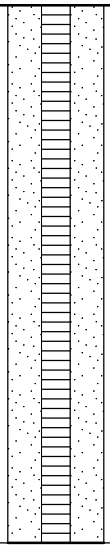
San Diego, California 92122
(858) 320-2000

DRILLING LOG
MW-13

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/29/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 26 feet
Well Diameter: 4 inches
Water Level (Initial): 37.5 feet
Screen Length: 30 feet
TOC Elevation: 97.93 feet

Permit No.: FR-95-1301
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
45								45
50		Bottom of borehole at 50 feet.						50

PID - Photoionization Dectector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
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DRILLING LOG - KLEINFELDER.GDT - 5/29/09 10:42 - U:\GINT\PROJECTS\OTHER OFFICES\HANOVER MD\DONE\NM\26463.GPJ

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5015 Shoreham Place
San Diego, California 92122
(858) 320-2000

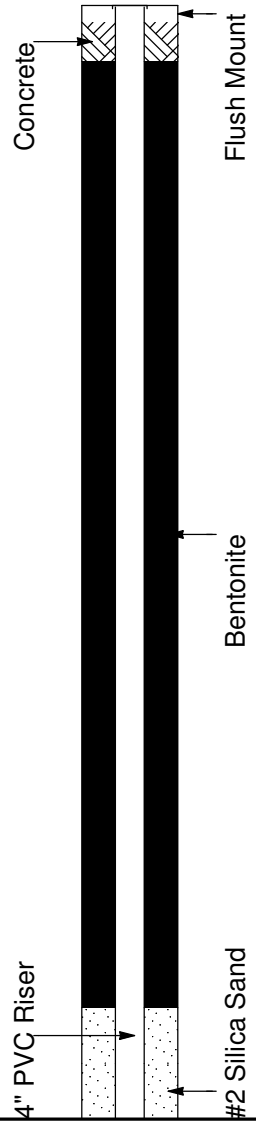
DRILLING LOG
MW-14

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/27/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 40 feet
Well Diameter: 4 inches
Water Level (Initial): 32 feet
Screen Length: 30 feet
TOC Elevation: 97.11 feet

Permit No.: FR-95-1300
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		Ground Surface						
		Asphalt.				0.4		
		SC CLAYEY SAND with fine gravel, fine sand, gray-brown, dry.				0.3		
		same as above, reddish brown, increasing clay content				0.8		
						0.1		
5						0.1		5
		CL SANDY CLAY with trace fine gravel, fine sand, reddish brown, dry, weak cementation.				0.3		
						0.1		
		same as above, wth cobbles at 7'				15.3		
		SC CLAYEY SAND, fine sand, dense, brown, dry.		4 5 9 8	24/20	17.7 25.7 19.8		
10		same as above, trace fine gravel at 8.5'				20.3		10
		same as above, increased gravel content at 9.5'		5 7 9 9	24/20	18.9 21.7 26.3		
		same as above, reddish brown at 10' same as above, loose		5 6 4 5	24/16	17.6 20.7 19.4		
		same as above, trace fine gravel, brown				9.3		
15		same as above, reddish brown same as above, increasing clay content		4 8 6 3	24/24	8.0 7.5 8.6		15
		CL SANDY CLAY with trace fine gravel, fine sand, firm, reddish brown, dry. same as above, brown at 17.5'		3 4 4 6	24/18	14.6 12.8 15.9		
		SC CLAYEY SAND with trace gravel, fine sand, medium dense, dark brown, dry. same as above, reddish brown at 19'	MW-14 (19.5-20)	7 5 4 8	24/24	19.9 25.8 21.0 33.6		



PID - Photoionization Dectector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

DRILLING LOG - KLEINFELDER.GDT - 5/29/09 10:42 - U:\GINT\PROJECTS\OTHER OFFICES\HANOVER MD\DONE\NM\26463.GPJ

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5015 Shoreham Place
San Diego, California 92122
(858) 320-2000

DRILLING LOG
MW-14

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/27/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 40 feet
Well Diameter: 4 inches
Water Level (Initial): 32 feet
Screen Length: 30 feet
TOC Elevation: 97.11 feet

Permit No.: FR-95-1300
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE				Well Completion Details	
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)		Depth (feet)
		SC same as above, dark brown at 19.5' same as above, moderate cementation at 20.5' same as above, brown, weak cementation		4 13 18 11	24/21	0.1 0.8 0.7 0.2		
				8 10 6 4	24/22	2.0 2.7 3.3 2.7		
25		CL SANDY CLAY with trace fine gravel, fine sand, hard, brown, dry. same as above, olive brown		3 6 11 9	24/24	1.1 1.7 1.7 1.1		25
		ML CLAYEY SILT with trace fine gravel, firm, brown, dry.		8 11 12 4	24/24	3.0 3.7 3.2 3.0		
		SC CLAYEY SAND with gravel, medium dense, olive brown, dry.		4 13 7 5	24/12	0.3 0.9		
30		SM SILTY SAND with fine gravel, fine sand, medium dense, dark brown, dry. CL CLAY with trace fine gravel, soft, reddish brown, moist. same as above, wet at 32' no recovery 32 to 34', lithology inferred	MW-14 (31.5-32)	2 2 2 2	24/22	5.5 6.1 5.5 6.5		30
		same as above, brown, wet		2 4 3 2	24/0			
				2 50	12/12	10.6 7.8		
35		GC CLAYEY GRAVEL, fine gravel, very dense, olive brown, wet. no recovery, split spoon refusal 35-38' and 38.5 to 40', lithology inferred		50/0"	0/0			35
		same as above, brown		50/4"	4/4	5.6		
40		auger refusal at 40', continue using air rotary to 50' Competent bedrock encountered from					4" 0.020 slotted screen	40

PID - Photoionization Dectector
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NA - Not Applicable
NM - Not Measured

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San Diego, California 92122
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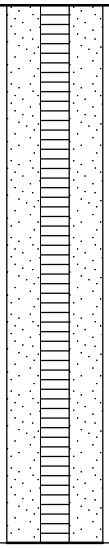
DRILLING LOG
MW-14

Project Name: Exxon Facility #26463
Site Location: 8816 Fingerboard Road
Kleinfelder Project Number: 100745
Client: ExxonMobil
Drilling Company: Connelly and Associates, Inc.
Driller: David Bender
Drill Rig Type: CME 550
Drilling Method: Hollow Stem Auger/Air Rotary
Sampling Method: SPT

Start Date: 04/23/09
End Date: 04/27/09
Total Hole Depth: 50 feet
Hole Diameter: 9.5 inches
Depth to Bedrock: 40 feet
Well Diameter: 4 inches
Water Level (Initial): 32 feet
Screen Length: 30 feet
TOC Elevation: 97.11 feet

Permit No.: FR-95-1300
Logged By: Charlie Low
Checked By: JM
Notes: Airknifed to 8' bgs

SUBSURFACE PROFILE			SAMPLE					
Depth (feet)	Graphic Log	Soil/Geologic Description	Sample ID	Blows/6"	Penetration/ Recovery	PID Headspace (ppm)	Well Completion Details	Depth (feet)
		40 to 50' (terminus), lithology not recorded.						
45								45
50		Bottom of borehole at 50 feet.						50

PID - Photoionization Dectector
MU - Meter Units
NS - Not Sampled
NA - Not Applicable
NM - Not Measured

DRILLING LOG - KLEINFELDER.GDT - 5/29/09 10:42 - U:\GINT\PROJECTS\OTHER OFFICES\HANOVER MD\DONE\NM\26463.GPJ

KLEINFELDER
Bright People. Right Solutions.

1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

BORING LOG

Boring No. MW-15

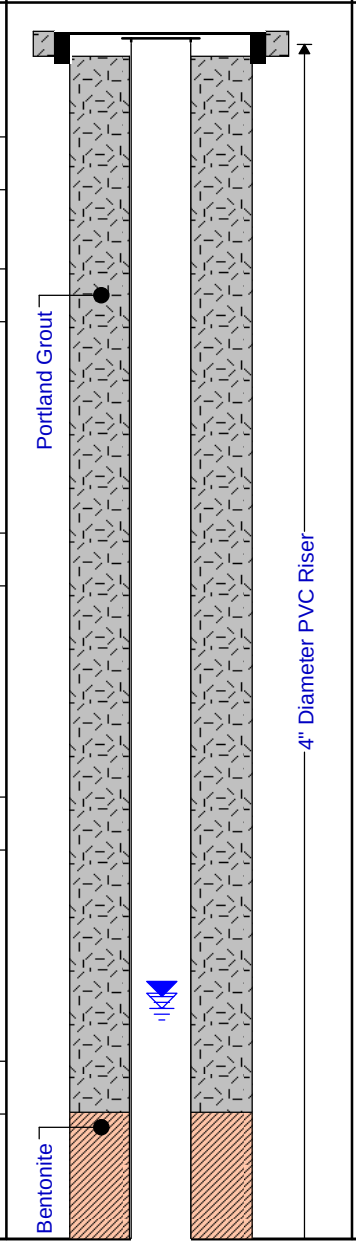
Project Name: Southside Facility # 26463
Site Location: 8816 Fingerboard Rd., Urbana, MD
Kleinfelder Project No: 113847
Client: Southside Oil LLC
Drilling Company: Connelly and Assoc.
Driller: C. Shaff
Drill Rig Type: Schramm T450
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 2-16-11
End Date: 2-16-11
Total Hole Depth: 82 feet
Hole Diameter: 10 inches
Depth to Bedrock: 48 feet
Surface Elevation: 101.11 feet
Water Level (Initial): 37 feet
Water Level (Static): 36.55 feet
Logged By (Geol.): JG

Permit No.: FR-95-1712
License No.: MD JSD106
Checked By: NMH
Notes: Airknife to 8 feet

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
0		Ground Surface			0
1		***Asphalt***			1
2–4		***ML*** SILT with sand and coarse gravel, orange-brown, dry			2–4
5			0.0		5
6–9					6–9
10			0.0		10
11–19		***ML*** SILT and fine sand, orange-brown, dry			11–19
20			0.0		20
21–29		***ML*** SILT and fine sand with trace fine gravel, yellow-brown, dry			21–29
30			0.0		30
31–39					31–39
40			0.0		40
41–43					41–43
44–45		***Weathered Bedrock***			44–45



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

Frederick Co. DPW ROW Permit # 12346

1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

BORING LOG

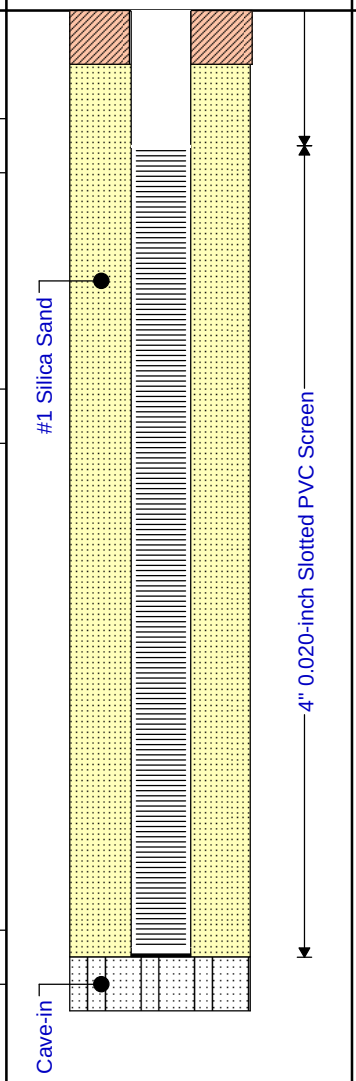
Boring No. MW-15

Project Name: Southside Facility # 26463
Site Location: 8816 Fingerboard Rd., Urbana, MD
Kleinfelder Project No: 113847
Client: Southside Oil LLC
Drilling Company: Connelly and Assoc.
Driller: C. Shaff
Drill Rig Type: Schramm T450
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 2-16-11
End Date: 2-16-11
Total Hole Depth: 82 feet
Hole Diameter: 10 inches
Depth to Bedrock: 48 feet
Surface Elevation: 101.11 feet
Water Level (Initial): 37 feet
Water Level (Static): 36.55 feet
Logged By (Geol.): JG

Permit No.: FR-95-1712
License No.: MD JSD106
Checked By: NMH
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
46–48					46–48
48–82		***Bedrock***			48–82
50			0.0		50
60			0.0		60
80			0.0		80
82		End of Borehole			82



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

Frederick Co. DPW ROW Permit # 12346

KLEINFELDER
Bright People. Right Solutions.

1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

BORING LOG

Boring No. MW-16

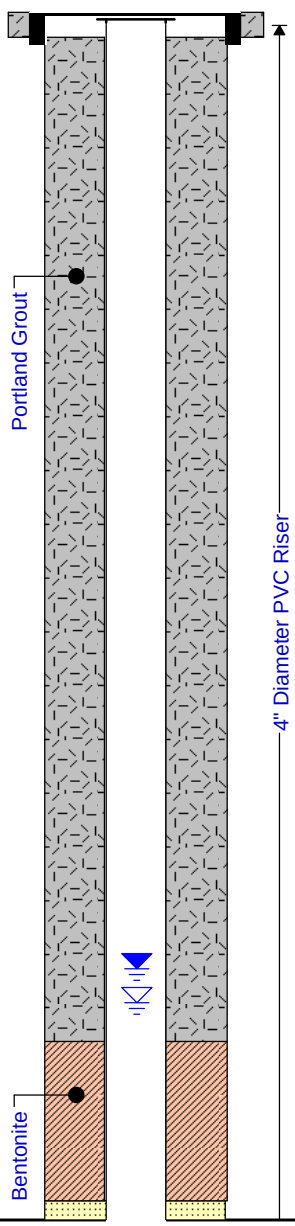
Project Name: Southside Facility # 26463
Site Location: 8816 Fingerboard Rd., Urbana, MD
Kleinfelder Project No: 113847
Client: Southside Oil LLC
Drilling Company: Connelly and Assoc.
Driller: C. Shaff
Drill Rig Type: Schramm T450
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 2-17-11
End Date: 2-17-11
Total Hole Depth: 81 feet
Hole Diameter: 10 inches
Depth to Bedrock: 49 feet
Surface Elevation: 100.64 feet
Water Level (Initial): 37.5 feet
Water Level (Static): 36.22 feet
Logged By (Geol.): JG

Permit No.: FR-95-1713
License No.: MD JSD106
Checked By: NMH
Notes: Airknife to 8 feet

SUBSURFACE PROFILE | **SAMPLE**

Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
0		Ground Surface			0
1		***Asphalt***			1
2		***CL*** Silty CLAY with coarse sand and cobbles, red to red-brown, damp			2
3					3
4					4
5			0.0		5
6					6
7					7
8					8
9					9
10			0.0	Portland Grout	10
11		***ML*** SILT with clay, yellow-brown, damp			11
12					12
13					13
14					14
15					15
16					16
17					17
18					18
19					19
20			0.0		20
21		***Weathered Bedrock***			21
22					22
23					23
24					24
25					25
26					26
27					27
28					28
29					29
30			0.0		30
31					31
32					32
33					33
34					34
35					35
36					36
37					37
38					38
39					39
40			0.0		40
41				Bentonite	41
42					42
43					43
44					44
45					45



PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

Frederick Co. DPW ROW Permit # 12346

1340 Charwood Road, Suite I
Hanover, MD 21076
(410) 850-0404

BORING LOG

Boring No. MW-16

Project Name: Southside Facility # 26463
Site Location: 8816 Fingerboard Rd., Urbana, MD
Kleinfelder Project No: 113847
Client: Southside Oil LLC
Drilling Company: Connelly and Assoc.
Driller: C. Shaff
Drill Rig Type: Schramm T450
Drilling Method: Air Rotary
Sampling Method: Cuttings

Start Date: 2-17-11
End Date: 2-17-11
Total Hole Depth: 81 feet
Hole Diameter: 10 inches
Depth to Bedrock: 49 feet
Surface Elevation: 100.64 feet
Water Level (Initial): 37.5 feet
Water Level (Static): 36.22 feet
Logged By (Geol.): JG

Permit No.: FR-95-1713
License No.: MD JSD106
Checked By: NMH
Notes: Airknife to 8 feet

SUBSURFACE PROFILE			SAMPLE		
Depth (feet)	Graphic Log	Soil/Geologic Description (Unified Soil Classification System)	PID (ppm)	Well Construction	Depth (feet)
46–49					46–49
50		***Bedrock***	0.0		50
51–59				#1 Silica Sand; 4" 0.020-inch Slotted PVC Screen	51–59
60			0.1		60
61–69					61–69
70			0.0		70
71–74					71–74
75		Fracture zone 74 - 75 feet, water-bearing			75
76–78					76–78
79				Cave-in	79
80–81					80–81
82		End of Borehole			82
83–90					83–90

PID - Photoionization Detector
NA - Not Applicable
NS - Not Sampled
NM - Not Measured
MU - Meter Units
PP - Pocket Penetrometer Reading (tons/sq. foot)

Frederick Co. DPW ROW Permit # 12346

APPENDIX B –
LABORATORY ANALYTICAL REPORTS (MAY 2014)

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

May 27, 2014

Project: Southside Oil 26463

Submittal Date: 05/16/2014
Group Number: 1475038
PO Number: 51141-291467
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
MW-1 Grab Water	7467074
MW-2 Grab Water	7467075
MW-3 Grab Water	7467076
MW-4 Grab Water	7467077
MW-5 Grab Water	7467078
MW-6 Grab Water	7467079
MW-7 Grab Water	7467080
MW-8 Grab Water	7467081
MW-9 Grab Water	7467082
MW-10 Grab Water	7467083
MW-11 Grab Water	7467084
MW-12 Grab Water	7467085
MW-13 Grab Water	7467086
MW-14 Grab Water	7467087
MW-15 Grab Water	7467088
MW-16 Grab Water	7467089

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 Grab Water
Southside Oil 26463

LL Sample # WW 7467074
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:50 by TB

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**3**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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

Analysis Report

Sample Description: MW-1 Grab Water
Southside Oil 26463

LL Sample # WW 7467074
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:50 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 18:23	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 18:23	Linda C Pape	1

Sample Description: MW-2 Grab Water
Southside Oil 26463

LL Sample # WW 7467075
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 11:10 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-2 Grab Water
Southside Oil 26463

LL Sample # WW 7467075
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 11:10 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 18:47	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 18:47	Linda C Pape	1

Sample Description: MW-3 Grab Water
Southside Oil 26463

LL Sample # WW 7467076
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 07:55 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	**26**	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**2**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	**Toluene**	108-88-3	**9**	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-3 Grab Water
Southside Oil 26463

LL Sample # WW 7467076
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 07:55 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

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	N141421AA	05/22/2014 19:11	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 19:11	Linda C Pape	1

Sample Description: MW-4 Grab Water
Southside Oil 26463

LL Sample # WW 7467077
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 11:50 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-4 Grab Water
Southside Oil 26463

LL Sample # WW 7467077
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 11:50 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 19:36	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 19:36	Linda C Pape	1

Sample Description: MW-5 Grab Water
Southside Oil 26463

LL Sample # WW 7467078
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 12:10 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-5 Grab Water
Southside Oil 26463

LL Sample # WW 7467078
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 12:10 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 19:59	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 19:59	Linda C Pape	1

Sample Description: MW-6 Grab Water
Southside Oil 26463

LL Sample # WW 7467079
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 12:30 by TB

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-6 Grab Water
Southside Oil 26463

LL Sample # WW 7467079
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 12:30 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 20:23	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 20:23	Linda C Pape	1

Sample Description: MW-7 Grab Water
Southside Oil 26463

LL Sample # WW 7467080
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 11:20 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**1**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-7 Grab Water
Southside Oil 26463

LL Sample # WW 7467080
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 11:20 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 20:46	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 20:46	Linda C Pape	1

Sample Description: MW-8 Grab Water
Southside Oil 26463

LL Sample # WW 7467081
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:40 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-8 Grab Water
Southside Oil 26463

LL Sample # WW 7467081
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:40 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141421AA	05/22/2014 21:33	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 21:33	Linda C Pape	1

Sample Description: MW-9 Grab Water
Southside Oil 26463

LL Sample # WW 7467082
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:20 by TB

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**2**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-9 Grab Water
Southside Oil 26463

LL Sample # WW 7467082
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:20 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1

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	N141421AA	05/22/2014 21:10	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141421AA	05/22/2014 21:10	Linda C Pape	1

Sample Description: MW-10 Grab Water
Southside Oil 26463

LL Sample # WW 7467083
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:00 by TB

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-10 Grab Water
Southside Oil 26463

LL Sample # WW 7467083
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 09:00 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/23/2014 22:05	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/23/2014 22:05	Andrea E Lando	1

Sample Description: MW-11 Grab Water
Southside Oil 26463

LL Sample # WW 7467084
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 08:00 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26411

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	**sec-Butylbenzene**	135-98-8	**6**	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**1**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	**1,2,4-Trimethylbenzene**	95-63-6	**6**	5	1

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Analysis Report

Sample Description: MW-11 Grab Water
Southside Oil 26463

LL Sample # WW 7467084
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 08:00 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26411

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/23/2014 22:29	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/23/2014 22:29	Andrea E Lando	1

Sample Description: MW-12 Grab Water
Southside Oil 26463

LL Sample # WW 7467085
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 10:50 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26412

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**38**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-12 Grab Water
Southside Oil 26463

LL Sample # WW 7467085
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 10:50 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26412

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/23/2014 23:16	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/23/2014 23:16	Andrea E Lando	1

Sample Description: MW-13 Grab Water
Southside Oil 26463

LL Sample # WW 7467086
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 10:10 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26413

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**7**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-13 Grab Water
Southside Oil 26463

LL Sample # WW 7467086
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 10:10 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26413

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/23/2014 23:39	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/23/2014 23:39	Andrea E Lando	1

Sample Description: MW-14 Grab Water
Southside Oil 26463

LL Sample # WW 7467087
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 10:30 by TB

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

26414

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	**Methyl Tertiary Butyl Ether**	1634-04-4	**2**	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

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Analysis Report

Sample Description: MW-14 Grab Water
Southside Oil 26463

LL Sample # WW 7467087
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 10:30 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26414

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/24/2014 00:29	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/24/2014 00:29	Andrea E Lando	1

Sample Description: MW-15 Grab Water
Southside Oil 26463

LL Sample # WW 7467088
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 08:30 by TB

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

26415

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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Analysis Report

Sample Description: MW-15 Grab Water
Southside Oil 26463

LL Sample # WW 7467088
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 08:30 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26415

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/24/2014 00:52	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/24/2014 00:52	Andrea E Lando	1

Sample Description: MW-16 Grab Water
Southside Oil 26463

LL Sample # WW 7467089
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 13:00 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26416

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	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

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

Analysis Report

Sample Description: MW-16 Grab Water
Southside Oil 26463

LL Sample # WW 7467089
LL Group # 1475038
Account # 12152

Project Name: Southside Oil 26463

Collected: 05/15/2014 13:00 by TB

Submitted: 05/16/2014 16:15
Reported: 05/27/2014 17:29

Kleinfelder
1 Speen Street
Framingham MA 01701

26416

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	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	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	N141431AA	05/24/2014 01:16	Andrea E Lando	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N141431AA	05/24/2014 01:16	Andrea E Lando	1

Quality Control Summary

Client Name: Kleinfelder Group Number: 1475038
Reported: 05/27/14 at 05:29 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: N141421AA	Sample number(s): 7467074-7467082							
Acetone	< 20	20.	ug/l	106		43-149		
Acrolein	< 100	100.	ug/l	91		52-129		
Acrylonitrile	< 20	20.	ug/l	101		62-120		
t-Amyl methyl ether	< 1	1.	ug/l	96		75-120		
Benzene	< 1	1.	ug/l	103		78-120		
Bromodichloromethane	< 1	1.	ug/l	100		73-120		
Bromoform	< 4	4.	ug/l	89		61-120		
Bromomethane	< 1	1.	ug/l	96		58-120		
2-Butanone	< 10	10.	ug/l	107		54-133		
t-Butyl alcohol	< 20	20.	ug/l	107		75-120		
n-Butylbenzene	< 5	5.	ug/l	103		68-120		
sec-Butylbenzene	< 5	5.	ug/l	104		80-120		
Carbon Tetrachloride	< 1	1.	ug/l	105		74-130		
Chlorobenzene	< 1	1.	ug/l	101		80-120		
Chloroethane	< 1	1.	ug/l	94		56-120		
2-Chloroethyl Vinyl Ether	< 10	10.	ug/l	91		54-126		
Chloroform	< 1	1.	ug/l	104		80-122		
Chloromethane	< 1	1.	ug/l	102		63-120		
Dibromochloromethane	< 1	1.	ug/l	100		72-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	100		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	97		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	99		80-120		
1,1-Dichloroethane	< 1	1.	ug/l	101		80-120		
1,2-Dichloroethane	< 1	1.	ug/l	107		65-135		
1,1-Dichloroethene	< 1	1.	ug/l	97		76-124		
cis-1,2-Dichloroethene	< 1	1.	ug/l	101		80-120		
trans-1,2-Dichloroethene	< 1	1.	ug/l	102		80-120		
1,2-Dichloropropane	< 1	1.	ug/l	104		80-120		
cis-1,3-Dichloropropene	< 1	1.	ug/l	100		80-120		
trans-1,3-Dichloropropene	< 1	1.	ug/l	102		76-120		
Ethanol	< 250	250.	ug/l	109		54-149		
Ethyl t-butyl ether	< 1	1.	ug/l	96		74-120		
Ethylbenzene	< 1	1.	ug/l	102		79-120		
di-Isopropyl ether	< 1	1.	ug/l	101		65-120		
Isopropylbenzene	< 5	5.	ug/l	102		77-120		
p-Isopropyltoluene	< 5	5.	ug/l	100		80-120		
Methyl Tertiary Butyl Ether	< 1	1.	ug/l	96		75-120		
Methylene Chloride	< 3	3.	ug/l	102		80-120		
Naphthalene	< 5	5.	ug/l	92		47-126		
n-Propylbenzene	< 5	5.	ug/l	106		80-120		
1,1,2,2-Tetrachloroethane	< 1	1.	ug/l	102		70-120		
Tetrachloroethene	< 1	1.	ug/l	100		80-120		
Toluene	< 1	1.	ug/l	101		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: 1475038
Reported: 05/27/14 at 05:29 PM

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,1-Trichloroethane	< 1	1.	ug/l	96		66-126		
1,1,2-Trichloroethane	< 1	1.	ug/l	101		80-120		
Trichloroethene	< 1	1.	ug/l	103		80-120		
Trichlorofluoromethane	< 1	1.	ug/l	105		65-130		
1,2,4-Trimethylbenzene	< 5	5.	ug/l	103		74-120		
1,3,5-Trimethylbenzene	< 5	5.	ug/l	102		74-120		
Vinyl Chloride	< 1	1.	ug/l	106		63-120		
Xylene (Total)	< 1	1.	ug/l	100		80-120		
Batch number: N141431AA	Sample number(s): 7467083-7467089							
Acetone	< 20	20.	ug/l	128		43-149		
Acrolein	< 100	100.	ug/l	88		52-129		
Acrylonitrile	< 20	20.	ug/l	121*		62-120		
t-Amyl methyl ether	< 1	1.	ug/l	98		75-120		
Benzene	< 1	1.	ug/l	104		78-120		
Bromodichloromethane	< 1	1.	ug/l	100		73-120		
Bromoform	< 4	4.	ug/l	94		61-120		
Bromomethane	< 1	1.	ug/l	110		58-120		
2-Butanone	< 10	10.	ug/l	128		54-133		
t-Butyl alcohol	< 20	20.	ug/l	105		75-120		
n-Butylbenzene	< 5	5.	ug/l	107		68-120		
sec-Butylbenzene	< 5	5.	ug/l	109		80-120		
Carbon Tetrachloride	< 1	1.	ug/l	105		74-130		
Chlorobenzene	< 1	1.	ug/l	102		80-120		
Chloroethane	< 1	1.	ug/l	107		56-120		
2-Chloroethyl Vinyl Ether	< 10	10.	ug/l	99		54-126		
Chloroform	< 1	1.	ug/l	104		80-122		
Chloromethane	< 1	1.	ug/l	111		63-120		
Dibromochloromethane	< 1	1.	ug/l	100		72-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	101		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	99		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	100		80-120		
1,1-Dichloroethane	< 1	1.	ug/l	103		80-120		
1,2-Dichloroethane	< 1	1.	ug/l	108		65-135		
1,1-Dichloroethene	< 1	1.	ug/l	102		76-124		
cis-1,2-Dichloroethene	< 1	1.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 1	1.	ug/l	104		80-120		
1,2-Dichloropropane	< 1	1.	ug/l	105		80-120		
cis-1,3-Dichloropropene	< 1	1.	ug/l	100		80-120		
trans-1,3-Dichloropropene	< 1	1.	ug/l	103		76-120		
Ethanol	< 250	250.	ug/l	101		54-149		
Ethyl t-butyl ether	< 1	1.	ug/l	97		74-120		
Ethylbenzene	< 1	1.	ug/l	103		79-120		
di-Isopropyl ether	< 1	1.	ug/l	105		65-120		
Isopropylbenzene	< 5	5.	ug/l	105		77-120		
p-Isopropyltoluene	< 5	5.	ug/l	104		80-120		
Methyl Tertiary Butyl Ether	< 1	1.	ug/l	99		75-120		
Methylene Chloride	< 3	3.	ug/l	105		80-120		
Naphthalene	< 5	5.	ug/l	108		47-126		
n-Propylbenzene	< 5	5.	ug/l	109		80-120		
1,1,2,2-Tetrachloroethane	< 1	1.	ug/l	110		70-120		
Tetrachloroethene	< 1	1.	ug/l	103		80-120		
Toluene	< 1	1.	ug/l	100		80-120		
1,1,1-Trichloroethane	< 1	1.	ug/l	94		66-126		
1,1,2-Trichloroethane	< 1	1.	ug/l	103		80-120		
Trichloroethene	< 1	1.	ug/l	104		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
Reported: 05/27/14 at 05:29 PM

Group Number: 1475038

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	< 1	1.	ug/l	116		65-130		
1,2,4-Trimethylbenzene	< 5	5.	ug/l	105		74-120		
1,3,5-Trimethylbenzene	< 5	5.	ug/l	106		74-120		
Vinyl Chloride	< 1	1.	ug/l	114		63-120		
Xylene (Total)	< 1	1.	ug/l	102		80-120		

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: N141421AA	Sample number(s): 7467074-7467082 UNSPK: P468792								
Acetone	112	112	35-144	0	30				
Acrolein	87	88	39-136	0	30				
Acrylonitrile	97	97	51-125	1	30				
t-Amyl methyl ether	95	99	65-117	4	30				
Benzene	106	107	72-134	1	30				
Bromodichloromethane	101	102	73-125	1	30				
Bromoform	89	89	48-118	1	30				
Bromomethane	105	97	47-129	8	30				
2-Butanone	107	107	44-135	1	30				
t-Butyl alcohol	101	103	67-119	2	30				
n-Butylbenzene	112	114	74-134	1	30				
sec-Butylbenzene	114	115	74-137	2	30				
Carbon Tetrachloride	110	112	75-148	2	30				
Chlorobenzene	104	106	87-124	2	30				
Chloroethane	105	94	55-130	11	30				
2-Chloroethyl Vinyl Ether	93	94	10-151	1	30				
Chloroform	106	107	81-134	1	30				
Chloromethane	111	100	61-125	10	30				
Dibromochloromethane	99	102	74-116	3	30				
1,2-Dichlorobenzene	100	102	84-119	2	30				
1,3-Dichlorobenzene	101	103	86-121	2	30				
1,4-Dichlorobenzene	101	103	85-121	3	30				
1,1-Dichloroethane	104	105	84-129	1	30				
1,2-Dichloroethane	105	106	63-142	2	30				
1,1-Dichloroethene	104	105	79-137	1	30				
cis-1,2-Dichloroethene	103	106	80-141	3	30				
trans-1,2-Dichloroethene	105	107	86-131	2	30				
1,2-Dichloropropane	106	108	83-124	2	30				
cis-1,3-Dichloropropene	102	104	70-116	1	30				
trans-1,3-Dichloropropene	102	105	74-119	3	30				
Ethanol	104	104	53-146	0	30				
Ethyl t-butyl ether	94	99	74-122	4	30				
Ethylbenzene	106	109	71-134	3	30				
di-Isopropyl ether	103	105	70-129	2	30				
Isopropylbenzene	109	112	75-128	3	30				
p-Isopropyltoluene	108	112	76-123	3	30				
Methyl Tertiary Butyl Ether	94	97	72-126	3	30				
Methylene Chloride	103	104	78-133	0	30				
Naphthalene	93	96	52-125	4	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: 1475038
Reported: 05/27/14 at 05:29 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	114	116	74-134	2	30				
1,1,2,2-Tetrachloroethane	99	100	72-128	2	30				
Tetrachloroethene	118	124	80-128	5	30				
Toluene	104	105	80-125	1	30				
1,1,1-Trichloroethane	99	101	69-140	2	30				
1,1,2-Trichloroethane	102	103	71-141	0	30				
Trichloroethene	109	112	88-133	2	30				
Trichlorofluoromethane	126	115	63-163	9	30				
1,2,4-Trimethylbenzene	109	116	72-130	4	30				
1,3,5-Trimethylbenzene	110	113	65-132	3	30				
Vinyl Chloride	116	107	66-133	8	30				
Xylene (Total)	107	109	79-125	2	30				
Batch number: N141431AA	Sample number(s): 7467083-7467089 UNSPK: P468233								
Acetone	123	120	35-144	2	30				
Acrolein	82	83	39-136	2	30				
Acrylonitrile	124	121	51-125	3	30				
t-Amyl methyl ether	100	100	65-117	0	30				
Benzene	109	108	72-134	1	30				
Bromodichloromethane	109	108	73-125	1	30				
Bromoform	94	92	48-118	2	30				
Bromomethane	119	117	47-129	1	30				
2-Butanone	128	125	44-135	2	30				
t-Butyl alcohol	103	105	67-119	1	30				
n-Butylbenzene	115	116	74-134	1	30				
sec-Butylbenzene	117	118	74-137	1	30				
Carbon Tetrachloride	114	112	75-148	2	30				
Chlorobenzene	106	105	87-124	0	30				
Chloroethane	115	113	55-130	2	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	113	111	81-134	2	30				
Chloromethane	119	118	61-125	0	30				
Dibromochloromethane	105	102	74-116	3	30				
1,2-Dichlorobenzene	105	104	84-119	0	30				
1,3-Dichlorobenzene	104	104	86-121	0	30				
1,4-Dichlorobenzene	104	105	85-121	1	30				
1,1-Dichloroethane	108	106	84-129	2	30				
1,2-Dichloroethane	111	109	63-142	1	30				
1,1-Dichloroethene	110	108	79-137	1	30				
cis-1,2-Dichloroethene	107	105	80-141	2	30				
trans-1,2-Dichloroethene	110	109	86-131	1	30				
1,2-Dichloropropane	111	109	83-124	2	30				
cis-1,3-Dichloropropene	104	104	70-116	0	30				
trans-1,3-Dichloropropene	105	104	74-119	1	30				
Ethanol	102	99	53-146	3	30				
Ethyl t-butyl ether	99	99	74-122	0	30				
Ethylbenzene	110	109	71-134	0	30				
di-Isopropyl ether	105	105	70-129	0	30				
Isopropylbenzene	114	113	75-128	1	30				
p-Isopropyltoluene	111	111	76-123	0	30				
Methyl Tertiary Butyl Ether	99	98	72-126	0	30				
Methylene Chloride	111	108	78-133	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 Group Number: 1475038
Reported: 05/27/14 at 05:29 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
Naphthalene	106	109	52-125	3	30				
n-Propylbenzene	119	119	74-134	0	30				
1,1,2,2-Tetrachloroethane	112	112	72-128	0	30				
Tetrachloroethene	107	108	80-128	0	30				
Toluene	105	104	80-125	1	30				
1,1,1-Trichloroethane	100	99	69-140	1	30				
1,1,2-Trichloroethane	125	123	71-141	2	30				
Trichloroethene	112	111	88-133	1	30				
Trichlorofluoromethane	128	127	63-163	1	30				
1,2,4-Trimethylbenzene	113	113	72-130	0	30				
1,3,5-Trimethylbenzene	112	113	65-132	1	30				
Vinyl Chloride	122	123	66-133	1	30				
Xylene (Total)	106	106	79-125	0	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: N141421AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7467074	103	104	98	95
7467075	103	104	99	93
7467076	104	105	98	94
7467077	104	104	98	93
7467078	104	105	98	93
7467079	106	104	98	93
7467080	105	105	98	92
7467081	106	106	98	92
7467082	100	102	101	93
Blank	103	104	99	94
LCS	101	100	101	101
MS	101	103	101	102
MSD	100	101	102	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 VOCs
Batch number: N141431AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7467083	102	103	98	96
7467084	100	101	99	97
7467085	102	103	97	93
7467086	103	104	96	93
7467087	104	103	96	92
7467088	105	105	97	94

*- 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: 1475038
Reported: 05/27/14 at 05:29 PM

Surrogate Quality Control

7467089	106	104	97	93
Blank	103	103	98	95
LCS	101	101	101	102
MS	101	101	100	100
MSD	100	100	99	101
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 #: 1475038 Sample #: 7467074-89

Client: Southside Oil
Acct. #:
Project Name/#: 26463
PWSID #:
Project Manager: Don Trego
P.O. #: 51141-291467
Sampler: Tim Boswell/Charlie Brown
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	5/15/14	0950	X			x		3	x	x		
MW-2	5/15/14	1110	X			x		3	x	x		
MW-3	5/15/14	0755	X			x		3	x	x		
MW-4	5/15/14	1150	X			x		3	x	x		
MW-5	5/15/14	1210	X			x		3	x	x		
MW-6	5/15/14	1230	X			x		3	x	x		
MW-7	5/15/14	1120	X			x		3	x	x		
MW-8	5/15/14	0940	X			x		3	x	x		
MW-9	5/15/14	0920	X			x		3	x	x		
MW-10	5/15/14	0900	X			x		3	x	x		
MW-11	5/15/14	0800	X			x		3	x	x		
MW-12	5/15/14	1050	X			x		3	x	x		

Cooler

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
[illegible]	5/15/14	1500	Cooler/[illegible]	5/15/14	1500
V. Willis	5/16/14	12:10	[illegible]	5/16/14	1210

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

Analysis Request/Environmental Services Chain of Custody

For Lancaster Laboratories use only Acct. #: 12152
Group #: 1475038 Sample #: 7467074-89

Client: Southside Oil
Acct. #:
Project Name/#: 26463
PWSID #:
Project Manager: Don Trego
P.O. #: 51141-291467
Sampler: Tim Boswell / Charlie Brady
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	5/15/14	1010	X			x		3	x	x		
MW-14	5/15/14	1030	X			x		3	x	x		
MW-15	5/15/14	0830	X			x		3	x	x		
MW-16	5/15/14	1300	X			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]	5/15/14	1500	[signature]	5/15/14	1500
[signature]	5/16/14	12:10	[signature]	5/16/14	12:10

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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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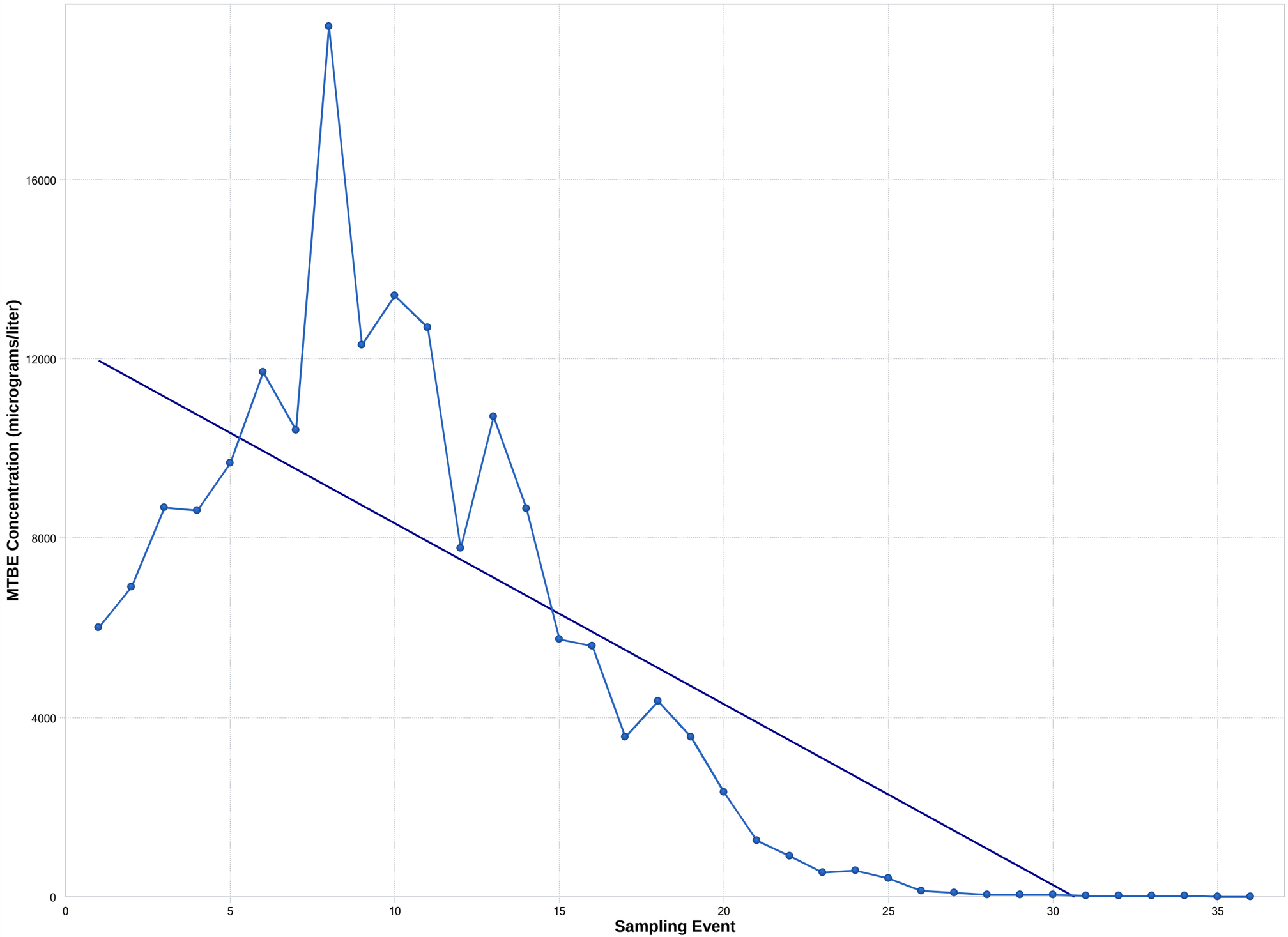
APPENDIX C –
TREND ANALYSES

MW-1 MTBE Mann-Kendall Test



Mann-Kendall Trend Analysis

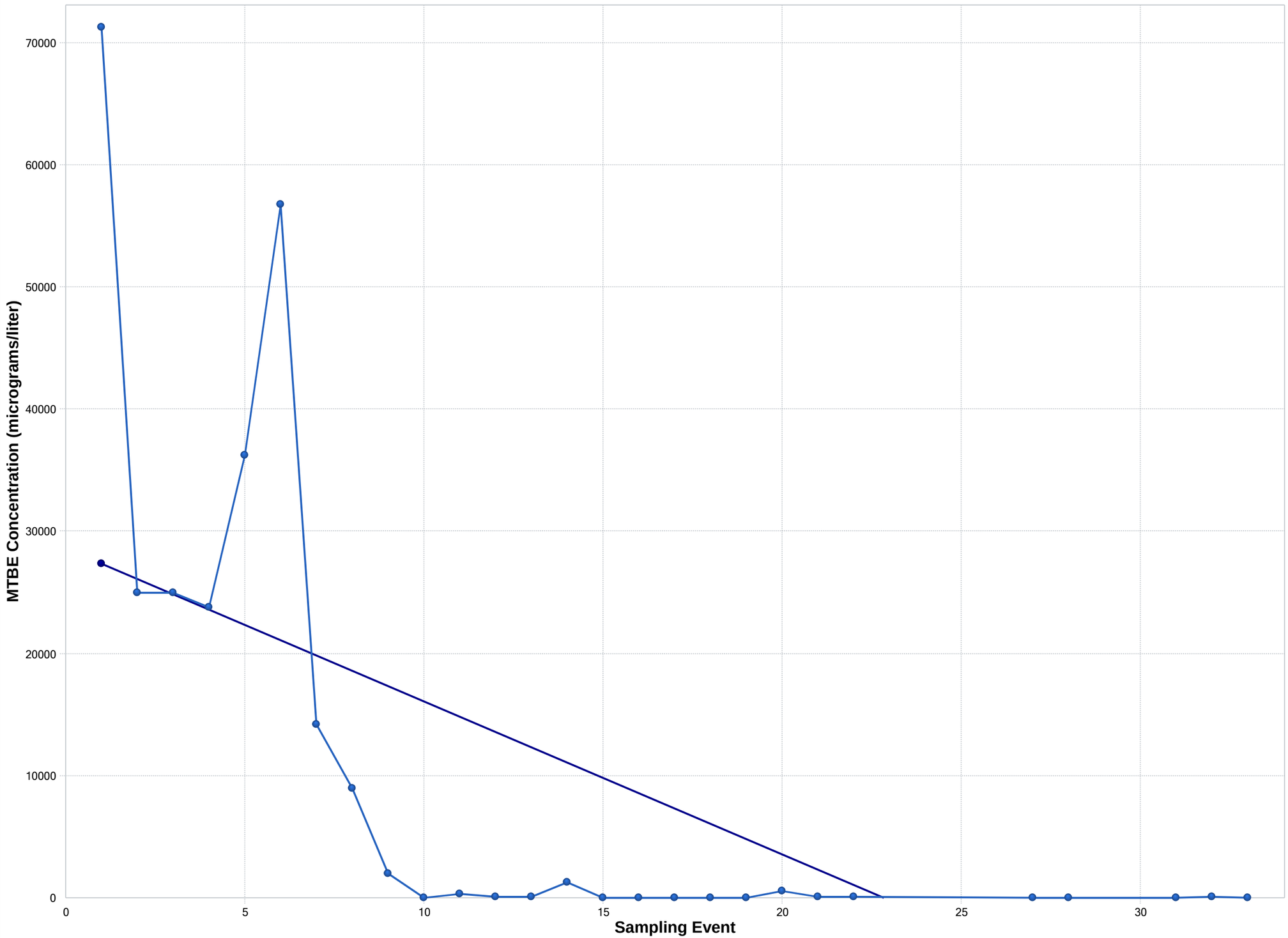
n	36
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	73.4098
Standardized Value of S	-6.7021
Test Value (S)	-493
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-404.3440
OLS Regression Intercept	12,373.1143

Statistically significant evidence of a decreasing trend at the specified level of significance.

MW-2 MTBE Mann-Kendall Test



Mann-Kendall Trend Analysis

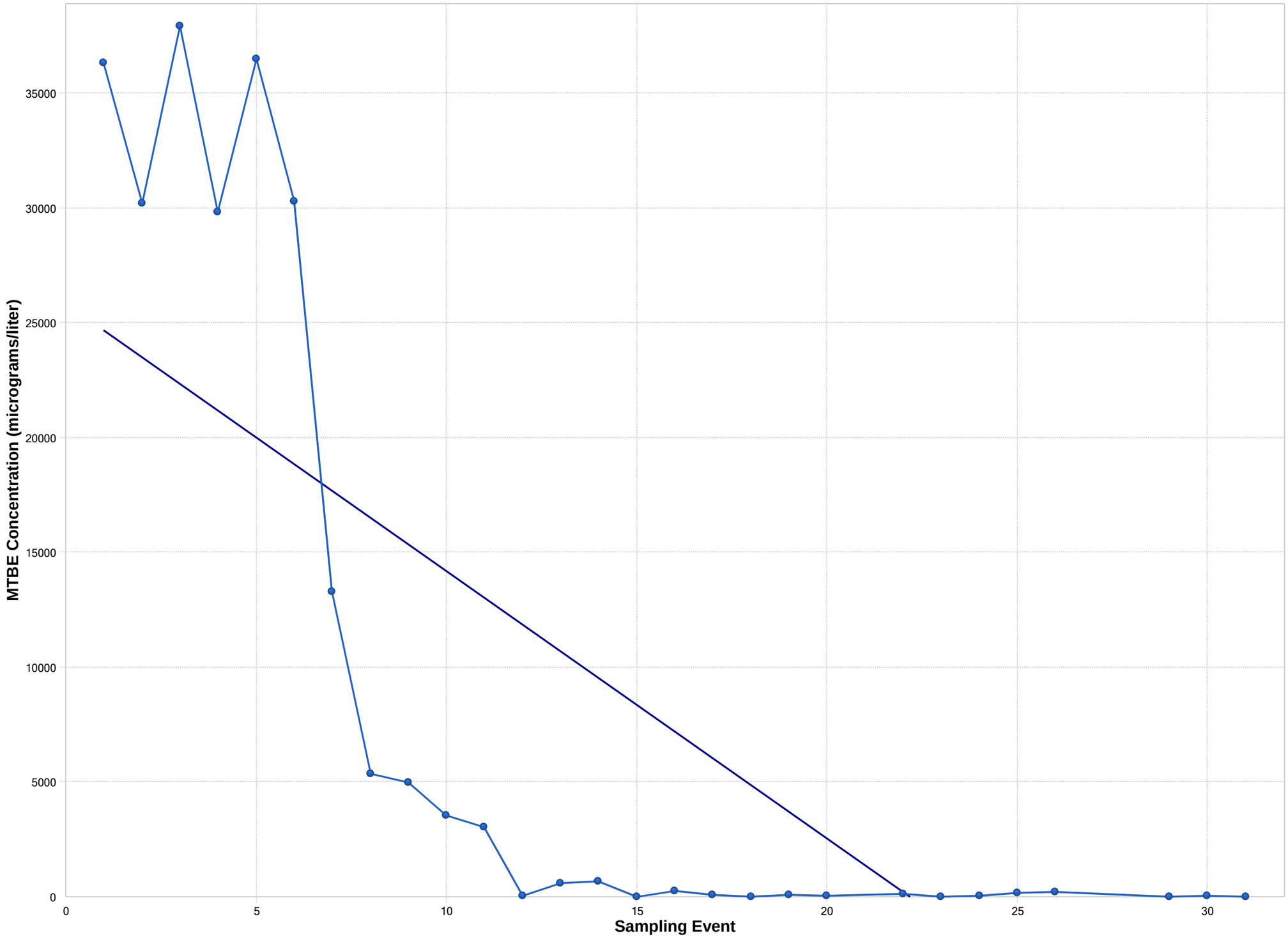
n	27
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	47.9375
Standardized Value of S	-4.3598
Test Value (S)	-210
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-1,254.7126
OLS Regression Intercept	28,612.4631

Statistically significant evidence of a decreasing trend at the specified level of significance.

MW-7 MTBE Mann-Kendall Test



Mann-Kendall Trend Analysis

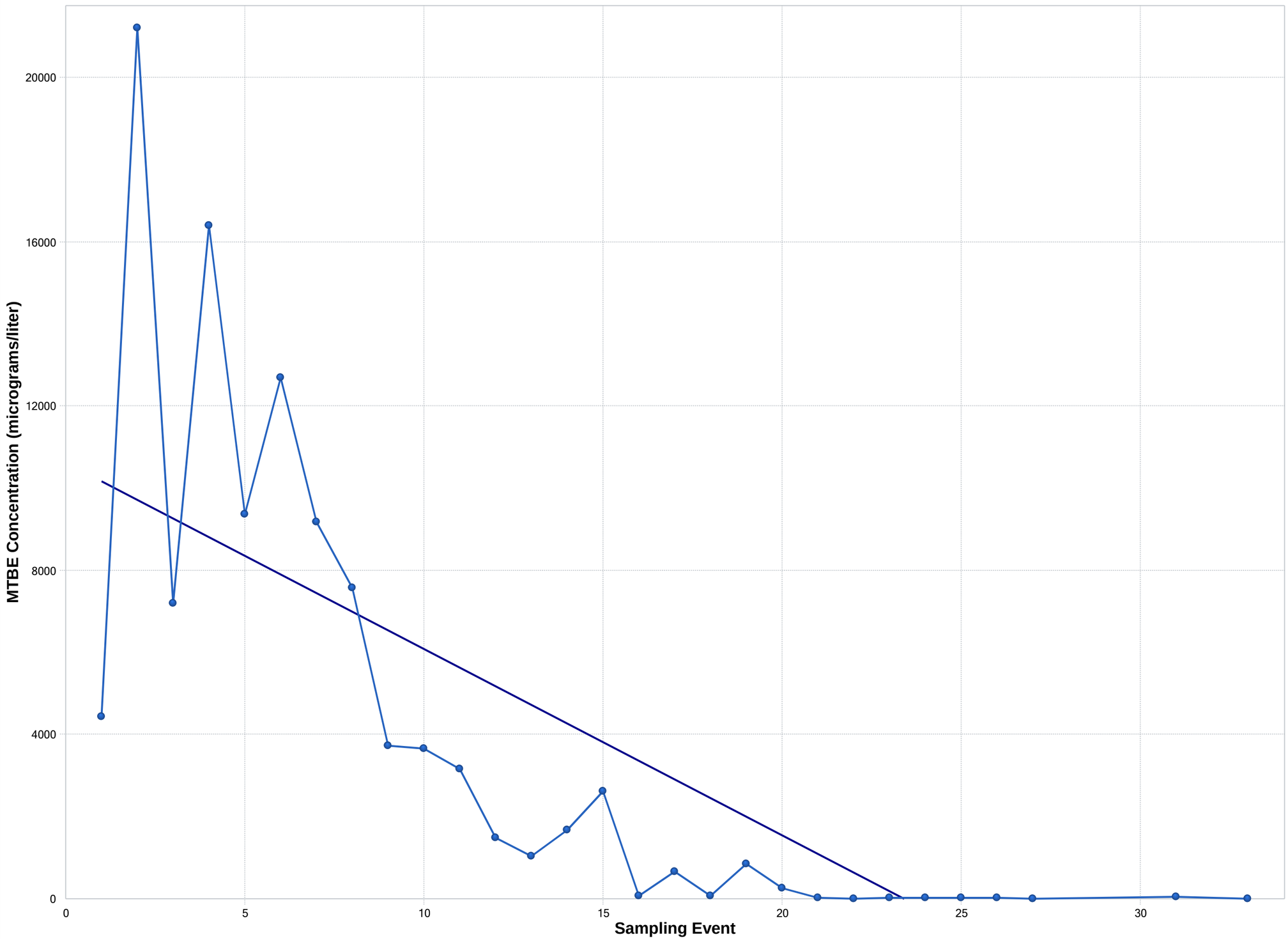
n	28
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	50.6162
Standardized Value of S	-5.0774
Test Value (S)	-258
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-1,165.2821
OLS Regression Intercept	25,821.3629

Statistically significant evidence of a decreasing trend at the specified level of significance.

MW-8 MTBE Mann-Kendall Test



Mann-Kendall Trend Analysis

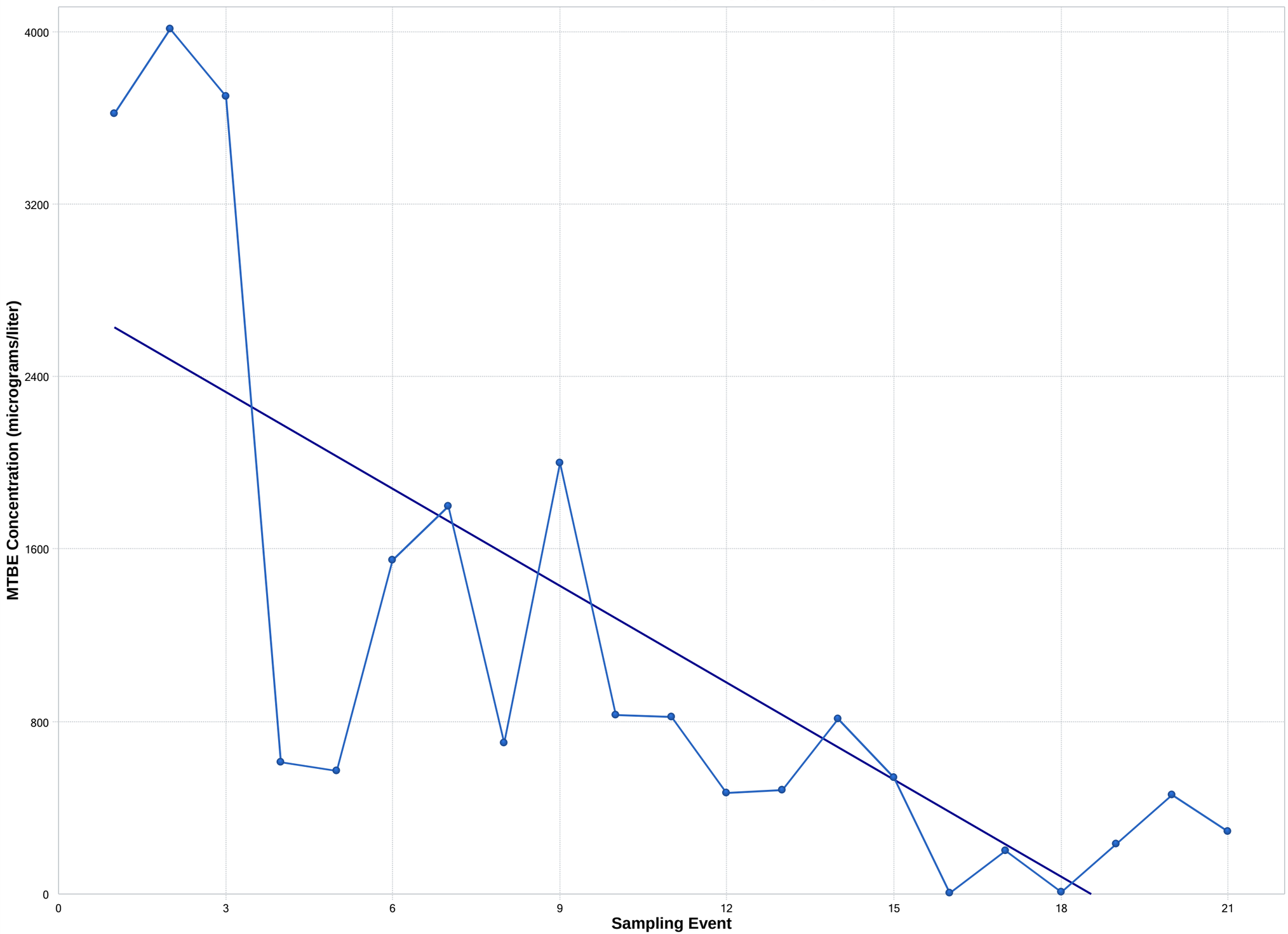
n	29
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	53.2917
Standardized Value of S	-6.0610
Test Value (S)	-324
Appx. Critical Value (0.05)	-1.6449
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-453.9927
OLS Regression Intercept	10,625.9987

Statistically significant evidence of a decreasing trend at the specified level of significance.

MW-12 MTBE Mann-Kendall Test



Mann-Kendall Trend Analysis

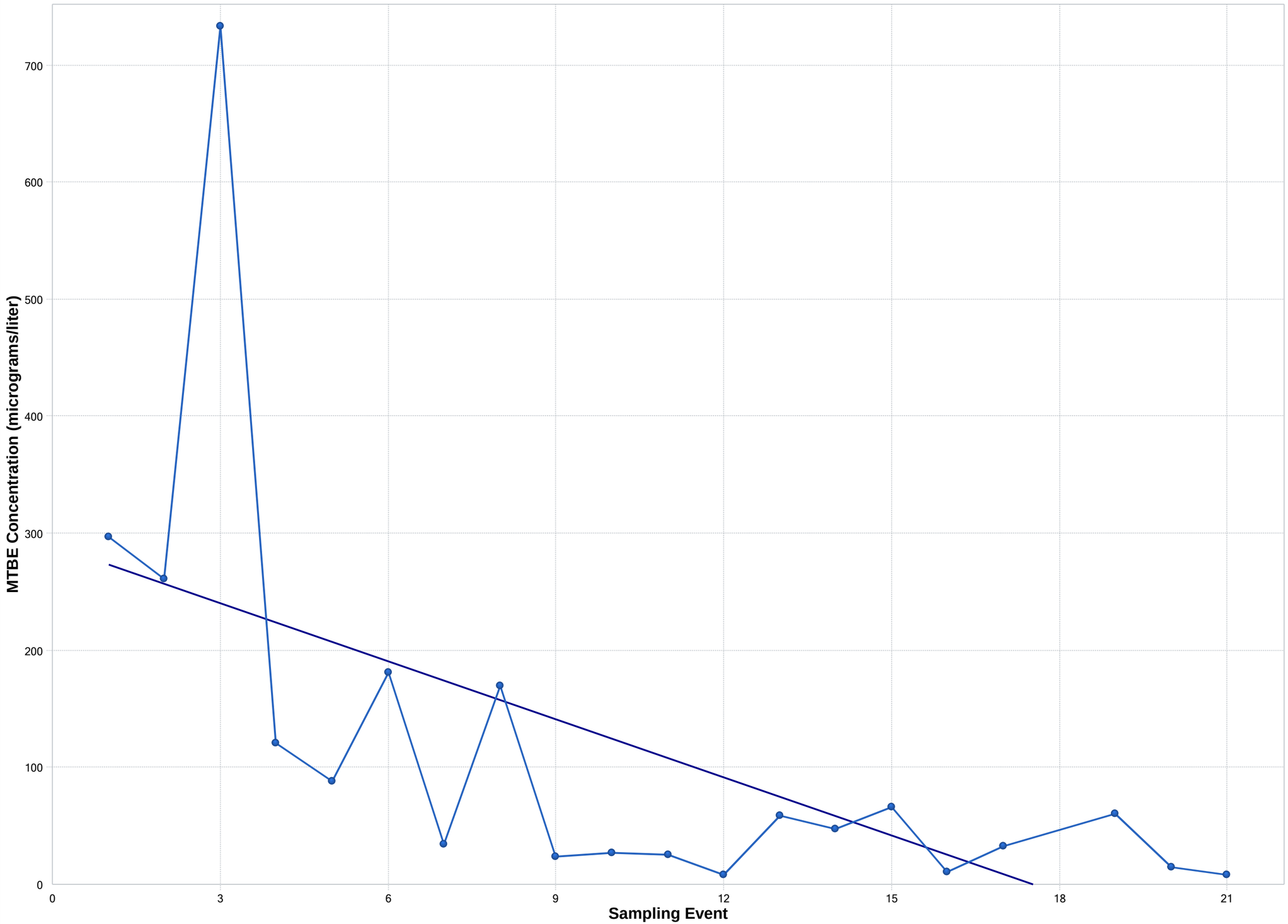
n	21
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	33.1160
Standardized Value of S	-3.8350
Test Value (S)	-128
Tabulated p-value	0.0000
Approximate p-value	0.0001

OLS Regression Line (Blue)

OLS Regression Slope	-149.7403
OLS Regression Intercept	2,776.0952

Statistically significant evidence of a decreasing trend at the specified level of significance.

MW-13 MTBE Mann-Kendall Test



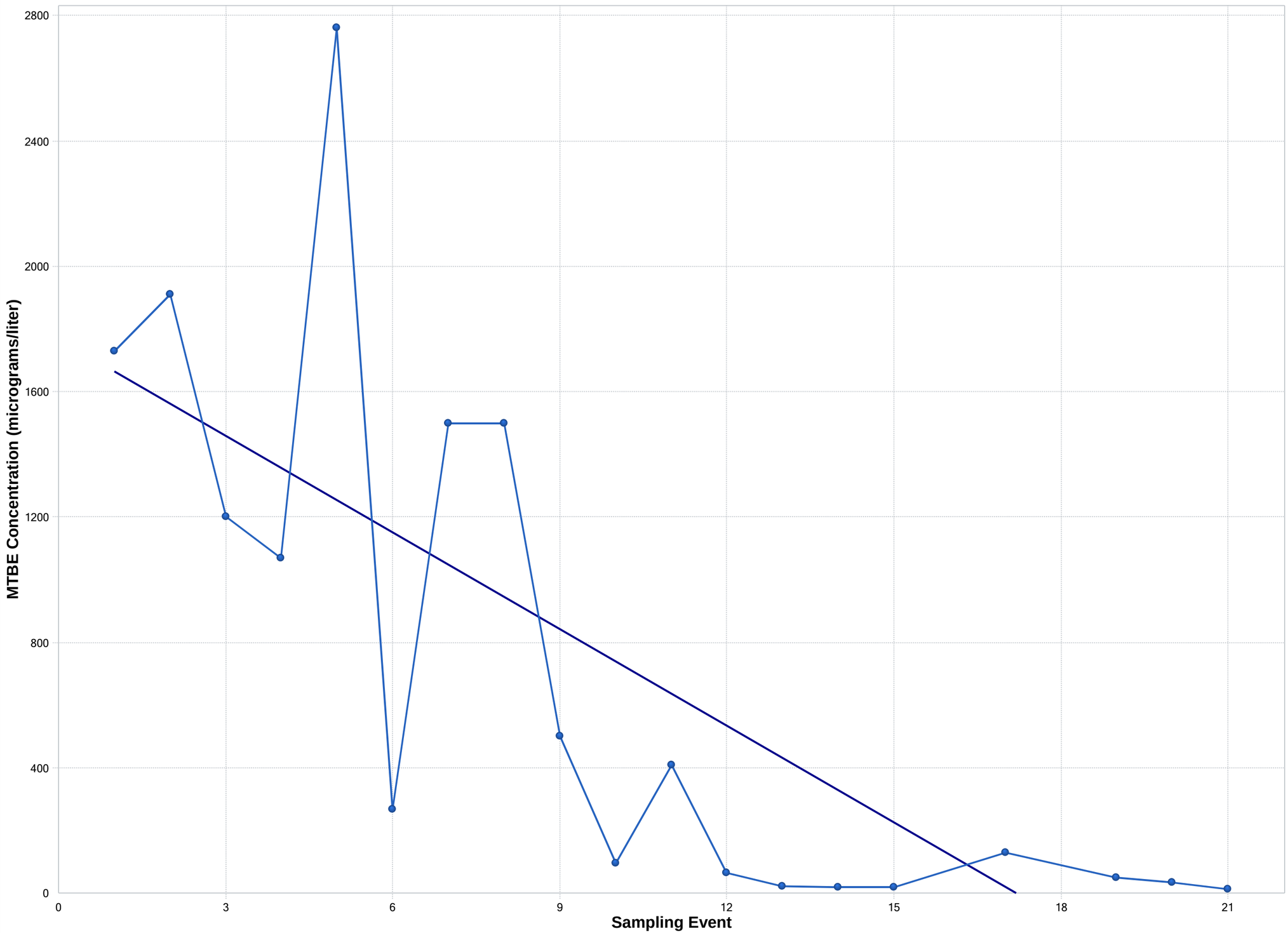
Mann-Kendall Trend Analysis

n	20
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	30.8058
Standardized Value of S	-3.3111
Test Value (S)	-103
Tabulated p-value	0.0000
Approximate p-value	0.0005

OLS Regression Line (Blue)

OLS Regression Slope	-16.5783
OLS Regression Intercept	289.9688

Statistically significant evidence of a decreasing trend at the specified level of significance.



Mann-Kendall Trend Analysis

n	19
Confidence Coefficient	0.9500
Level of Significance	0.0500
Standard Deviation of S	28.5657
Standardized Value of S	-4.0958
Test Value (S)	-118
Tabulated p-value	0.0000
Approximate p-value	0.0000

OLS Regression Line (Blue)

OLS Regression Slope	-102.8940
OLS Regression Intercept	1,766.4803

Statistically significant evidence of a decreasing trend at the specified level of significance.