SECOND QUARTER 2025 GROUNDWATER MONITORING REPORT

Southside Facility #26463
8816 Fingerboard Road
Frederick, MD 21704
MDE Case No. 2019-0473-FR

Prepared For:

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August 7, 2025

GROUNDWATER MONITORING REPORT

Site Name: Southside Facility #26463

Site Address: 8816 Fingerboard Road
Frederick, MD 21704
(***Figure 1***)

Client Information: Sunoco, LP/Evergreen Resources Group, LLC
2 Righter Parkway, Suite 120
Wilmington, DE 19803

Client Contact: Susan Shirer

Regulatory Contacts: Katie Thompson – Maryland Department of the Environment

Field Activities: Groundwater Gauging and Sampling

Monitoring Period: April 1, 2025 – June 30, 2025

Gauging Activities: Monitoring wells MW-2, MW-5, MW-9, MW-14, and tank field wells TF-1R and TF-2R were gauged on June 19, 2025. Wells were gauged using an electronic interface probe capable of measuring Light Non-Aqueous Phase Liquids (LNAPL) to 0.01 foot. LNAPL was not detected in the monitoring well network on June 19, 2025. Depth to water measurements ranged from approximately 26.15 feet (MW-5) to 32.65 feet (MW-9) below the top of the well casing. Prior to gauging the wells, the headspace of the well was screened using a photoionization detector (PID) immediately after removing the well cap. PID readings are presented below.

Well ID	PID Reading (ppm)
MW-2	29.6
MW-5	1.3
MW-9	69.2
MW-14	53.8
TF-1R	0.0
TF-2R	0.0
TF-3R	NA

Historic water gauging data are summarized in ***Table 1***. Gauging locations are depicted on ***Figure 2*** and a potentiometric surface map based on the June 19, 2025, gauging data is provided as ***Figure 3***. Groundwater flow direction was determined to be towards the northeast at a gradient of approximately 3.9%.

Groundwater Sampling: On June 19, 2025, monitoring wells MW-2, MW-5, MW-9, and MW-14 were purged of approximately three well volumes of groundwater using an electric purge pump and then sampled using dedicated

polyethylene tubing. Groundwater samples were then transferred into laboratory supplied containers and immediately placed on ice.

To minimize the potential for cross contamination during sample collection, all reusable equipment was decontaminated prior to use. Decontamination procedures consisted of using distilled water and Liquinox soap solution wash, a distilled water rinse, a final distilled water rinse, and air drying.

Monitoring well samples were shipped under standard chain of custody procedures to Pace Analytical Services, National Center for Testing and Analysis (Pace) in Mount Juliet, Tennessee for analysis of volatile organic compounds (VOCs) fuel oxygenates and naphthalene in accordance with EPA Method 8260, and total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO) in accordance with EPA Method 8015.

On June 19, 2025, EnviroTrac also collected a potable water sample from the onsite drinking water supply well designated as PW-1. The sample was transferred into laboratory supplied containers, and immediately placed on ice. The potable water sample was shipped to Pace for analysis of VOCs fuel oxygenates in accordance with EPA Method 524.2 and VOCs fuel oxygenates and naphthalene in accordance with EPA Method 8260.

Groundwater Analytical Summary:

The results of the June 19, 2025, groundwater sampling event indicated a general decrease in contaminant concentrations when compared to historical 2020, 2021, 2022, 2023, and 2024 data. The following is a summary of the laboratory analytical results that exceed the MDE's Generic Numeric Cleanup Standards (GNCS) for Type I & II Aquifers:

- MW-9 - TPH DRO at 0.172 mg/L.

Concentrations of COCs in the June 19, 2025, potable well sample (PW-1) were BDL with the exception of MTBE at 0.590 ug/L.

Graphical analysis of select COC concentrations are presented in ***Appendix A***. A copy of the laboratory analytical report is included in ***Appendix B***; historic groundwater analytical data and potable well sampling data are summarized in ***Tables 1 & 2,*** respectively; a geographic distribution of the groundwater analytical data is provided as ***Figure 4***.

Conclusions:

Concentrations of COCs in the groundwater samples collected during the 2nd Quarter 2025 remained relatively consistent in comparison to 2025 first quarter sampling data. Samples collected from monitoring wells directly downgradient of the tank field (MW-2) exhibited the highest dissolved petroleum impact, while concentrations of COCs in the up- to cross-gradient wells (MW-5 and MW-9) were mostly BDL with the exception of TPH in MW-9.

The analytical results of the sample collected from the onsite potable well (PW-1) remained consistent with 2020, 2021, 2022, 2023, and 2024 historic results (***Table 2)***.

Data from wells MW-2 and MW-14 were evaluated using GSI Mann-Kendall Analysis to evaluate contaminant trends. These trends, including the data from the 2nd Quarter of 2025, are available in ***Appendix A.*** Trend analysis indicates the following:

- Concentrations of Benzene are decreasing in MW-2 and MW-14;
- Concentrations of MTBE are decreasing in MW-2 and MW-14;
- Concentrations of TBA are decreasing in MW-2 and MW-14;
- Concentrations of TAME are decreasing in MW-2 and MW-14;
- Concentrations of DIPE are decreasing in MW-2 and MW-14.;
- Concentrations of TPH GRO are decreasing in MW-2 and MW-14; and
- Concentrations of TPH DRO are decreasing in MW-2 and MW-14.

Future Site Activities:

Based on the results of the Mann-Kendall Trend Analysis, EnviroTrac recommends reducing the Site Status and monitoring frequency to annual in accordance with COMAR 26.10.02.03-4 for High-Risk Groundwater Use Area properties.

Attachments:

Table 1: Monitoring Well Gauging Data and Historical Groundwater Analytical Summary
Table 2: Potable Well Historical Analytical Summary

Figure 1: Site Location Map
Figure 2: Site Plan
Figure 3: Potentiometric Surface Map
Figure 4: Groundwater Analytical Results Map

Appendix A: Mann-Kendall Trend Analysis
Appendix B: Analytical Laboratory Report

EnviroTrac
Environmental Services

TABLES

TABLE 1
Groundwater Monitoring Analytical Data
Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland

		Gauging Data					Analytical Data												
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-2	03/02/2011	97.37	32.19	ND	ND	65.18	ND(5)	ND(5)	ND(5)	ND(5)	BRL	76	110	ND(5)	ND(5)	6	ND(5)	NA	NA
	06/02/2011	97.37	29.47	ND	ND	67.90	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/07/2011	97.37	30.97	ND	ND	66.40	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/09/2011	97.37	29.46	ND	ND	67.91	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/29/2012	97.37	29.42	ND	ND	67.95	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/24/2012	97.37	30.92	ND	ND	66.45	ND(5)	ND(5)	ND(5)	ND(5)	BRL	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	08/16/2012	97.37	31.42	ND	ND	65.95	ND(5)	ND(5)	ND(5)	ND(5)	BRL	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/28/2012	97.37	31.78	ND	ND	65.59	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/26/2013	97.37	30.75	ND	ND	66.62	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/17/2013	97.37	30.44	ND	ND	66.93	ND(5)	ND(5)	ND(5)	ND(5)	BRL	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/04/2013	97.37	31.19	ND	ND	66.18	ND(5)	ND(5)	ND(5)	ND(5)	BRL	53	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/15/2013	97.37	31.32	ND	ND	66.05	ND(5)	ND(5)	ND(5)	ND(5)	BRL	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/21/2014	97.37	29.22	ND	ND	68.15	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/15/2014	97.37	27.78	ND	ND	69.59	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	06/30/2015	97.37	28.02	ND	ND	69.35	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/01/2016	97.37	30.06	ND	ND	67.31	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/15/2017	97.37	32.11	ND	ND	65.26	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(20)	ND(1)	ND(1)	39	ND(5)	NA	NA
	10/30/2018	97.37	26.55	ND	ND	70.82	370	24	ND(1)	15	409	120	ND(25)	75	ND(1)	760	ND(10)	NA	NA
	01/29/2019	97.37	25.27	ND	ND	72.10	500	4	ND(1)	6	510	140	370	100	ND(1)	620	ND(10)	NA	NA
	03/14/2019	97.37	25.42	ND	ND	71.95	210	1	ND(1)	ND(5)	211	110	320	64	ND(1)	390	ND(10)	NA	NA
	11/05/2020	97.37	30.96	ND	ND	66.41	ND(5)	ND(5)	ND(5)	ND(15)	BRL	271	883	51	ND(5)	1040	ND(25)	2.90	0.519
	03/01/2021	97.37	28.65	ND	ND	68.72	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2.17	12.0	ND(1)	ND(1)	26.8	ND(5)	0.182	0.179
	05/19/2021	97.37	29.79	ND	ND	67.58	ND(1)	ND(1)	ND(1)	ND(3)	BRL	47.6	9.49	6.58	ND(1)	114	ND(5)	0.251	0.156
	08/11/2021	97.37	30.77	ND	ND	66.60	ND(1)	ND(1)	ND(1)	ND(3)	BRL	32.0	47.7	3.98	ND(1)	151	ND(5)	0.274	0.647
	12/09/2021	97.37	31.26	ND	ND	66.11	ND(1)	ND(1)	ND(1)	ND(3)	BRL	43.7	ND(5)	7.07	ND(1)	153	ND(5)	0.258	0.247
	03/11/2022	97.37	31.86	ND	ND	65.51	ND(1)	ND(1)	ND(1)	ND(3)	BRL	57.6	ND(5)	4.85	ND(1)	102	ND(5)	0.169	0.238
	05/12/2022	97.37	31.02	ND	ND	66.35	ND(1)	ND(1)	ND(1)	ND(3)	BRL	41.3	8.73	2.91	ND(1)	61.3	ND(5)	0.480	0.123

TABLE 1
Groundwater Monitoring Analytical Data
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Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-2 Cont	09/09/2022	97.37	31.78	ND	ND	65.59	ND(1)	ND(1)	ND(1)	ND(3)	BRL	33.2	ND(5)	2.59	ND(1)	34.7	ND(5)	0.134	0.123
	12/02/2022	97.37	32.22	ND	ND	65.15	ND(1)	ND(1)	ND(1)	ND(3)	BRL	37.7	ND(5)	5.32	ND(1)	73.3	ND(5)	0.232	0.187
	02/27/2023	97.37	31.70	ND	ND	65.67	ND(1)	ND(1)	ND(1)	ND(3)	BRL	27.9	7.99	3.20	ND(1)	42.2	ND(5)	0.105	0.183
	06/01/2023	97.37	31.76	ND	ND	65.61	ND(1)	ND(1)	ND(1)	ND(3)	BRL	29.0	6.3	3.06	ND(1)	37.5	ND(5)	0.149	0.136
	09/06/2023	97.37	32.91	ND	ND	64.46	ND(1)	ND(1)	ND(1)	ND(3)	BRL	26.0	ND(5)	1.99	ND(1)	25.6	ND(5)	ND(0.1)	ND(0.1)
	12/12/2023	97.37	33.32	ND	ND	64.05	ND(1)	ND(1)	ND(1)	ND(3)	BRL	33.0	ND(5)	1.97	ND(1)	38.4	ND(5)	0.129	0.105
	02/29/2024	97.37	31.04	ND	ND	66.33	ND(1)	ND(1)	ND(1)	ND(3)	BRL	6.3	ND(5)	ND(1)	ND(1)	23.5	ND(5)	0.167	0.276
	06/04/2024	97.37	29.85	ND	ND	67.52	ND(1)	ND(1)	ND(1)	ND(3)	BRL	17.4	ND(5)	ND(1)	ND(1)	3.5	ND(5)	ND(0.1)	0.213
	09/11/2024	97.37	30.61	ND	ND	66.76	ND(1)	ND(1)	ND(1)	ND(3)	BRL	7.09	45.6	ND(1)	ND(1)	113.0	ND(5)	0.356	0.475
	12/10/2024	97.37	32.05	ND	ND	65.32	ND(1)	ND(1)	ND(1)	ND(3)	BRL	15.80	ND(5)	ND(1)	ND(1)	10.2	ND(5)	ND(0.1)	ND(0.1)
	03/03/2025	97.37	32.35	ND	ND	65.02	ND(1)	ND(1)	ND(1)	ND(3)	BRL	20.90	ND(5)	1.07	ND(1)	9.3	ND(5)	ND(0.1)	0.114
	06/19/2025	97.37	30.29	ND	ND	67.08	ND(1)	ND(1)	ND(1)	ND(3)	BRL	7.82	ND(5)	1.07	ND(1)	22.1	ND(5)	ND(0.1)	ND(0.1)

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MW-5	03/02/2011	92.16	28.76	ND	ND	63.40	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	06/02/2011	92.16	24.80	ND	ND	67.36	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/07/2011	92.16	26.43	ND	ND	65.73	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/09/2011	92.16	25.08	ND	ND	67.08	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/29/2012	92.16	24.82	ND	ND	67.34	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/24/2012	92.16	26.04	ND	ND	66.12	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	08/16/2012	92.16	26.65	ND	ND	65.51	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/28/2012	92.16	27.16	ND	ND	65.00	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/26/2013	92.16	26.18	ND	ND	65.98	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/17/2013	92.16	25.89	ND	ND	66.27	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/04/2013	92.16	26.28	ND	ND	65.88	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/15/2013	92.16	26.82	ND	ND	65.34	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/21/2014	92.16	24.68	ND	ND	67.48	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/15/2014	92.16	22.91	ND	ND	69.25	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	06/30/2015	92.16	23.16	ND	ND	69.00	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/01/2016	92.16	25.28	ND	ND	66.88	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/15/2017	92.16	27.52	ND	ND	64.64	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA

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Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-5 Cont	10/30/2018	92.16	22.05	ND	ND	70.11	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	NA	NA
	01/29/2019	92.16	20.25	ND	ND	71.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/14/2019	92.16	20.39	ND	ND	71.77	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	NA	NA
	06/04/2019	92.16	20.60	ND	ND	71.56	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	08/22/2019	92.16	22.95	ND	ND	69.21	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	12/17/2019	92.16	25.53	ND	ND	66.63	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	03/09/2020	92.16	25.20	ND	ND	66.96	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	06/04/2020	92.16	25.10	ND	ND	67.06	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.25)
	08/20/2020	92.16	25.14	ND	ND	67.02	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	11/05/2020	92.16	26.23	ND	ND	65.93	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	03/01/2021	92.16	24.91	ND	ND	67.25	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	05/19/2021	92.16	25.09	ND	ND	67.07	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	08/11/2021	92.16	26.02	ND	ND	66.14	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.124
	12/09/2021	92.16	26.55	ND	ND	65.61	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	03/11/2022	92.16	27.23	ND	ND	64.93	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	05/12/2022	92.16	26.58	ND	ND	65.58	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	09/09/2022	92.16	27.29	ND	ND	64.87	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	12/02/2022	92.16	27.80	ND	ND	64.36	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	02/27/2023	92.16	27.16	ND	ND	65.00	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	06/01/2023	92.16	27.30	ND	ND	64.86	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	09/06/2023	92.16	28.60	ND	ND	63.56	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	12/12/2023	92.16	29.15	ND	ND	63.01	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	02/29/2024	92.16	27.28	ND	ND	64.88	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	06/04/2024	92.16	25.40	ND	ND	66.76	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	09/11/2024	92.16	26.29	ND	ND	65.87	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	12/10/2024	92.16	27.67	ND	ND	64.49	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	0.099	0.103
	03/03/2025	92.16	28.02	ND	ND	64.14	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)

TABLE 1
Groundwater Monitoring Analytical Data
Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland

		Gauging Data					Analytical Data												
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
	06/19/2025	92.16	26.15	ND	ND	66.01	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)

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		Gauging Data					Analytical Data												
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-9	03/02/2011	99.14	34.24	ND	ND	64.90	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	06/02/2011	99.14	31.39	ND	ND	67.75	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/07/2011	99.14	32.97	ND	ND	66.17	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/24/2012	99.14	32.75	ND	ND	66.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/16/2012	99.14	33.23	ND	ND	65.91	ND(5)	ND(5)	ND(5)	ND(5)	BRL	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/28/2012	99.14	33.45	ND	ND	65.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/2013	99.14	32.41	ND	ND	66.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/17/2013	99.14	32.13	ND	ND	67.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/04/2013	99.14	32.75	ND	ND	66.39	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/15/2014	99.14	29.65	ND	ND	69.49	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	06/30/2015	99.14	29.90	ND	ND	69.24	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/01/2016	99.14	31.81	ND	ND	67.33	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/15/2017	99.14	33.94	ND	ND	65.20	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	10/30/2018	99.14	27.75	ND	ND	71.39	160	32	ND(1)	14	206	31	ND(25)	14	ND(1)	150	ND(10)	NA	NA
	01/29/2019	99.14	27.04	ND	ND	72.10	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	NA	NA
	03/14/2019	99.14	27.21	ND	ND	71.93	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	NA	NA
	06/04/2019	99.14	27.38	ND	ND	71.76	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	08/22/2019	99.14	29.63	ND	ND	69.51	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	12/17/2019	99.14	31.96	ND	ND	67.18	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	0.136	ND(0.1)
	03/09/2020	99.14	31.95	ND	ND	67.19	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	0.138	ND(0.1)
	06/04/2020	99.14	31.89	ND	ND	67.25	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.25)
	08/20/2020	99.14	31.89	ND	ND	67.25	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	11/05/2020	99.14	32.87	ND	ND	66.27	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	03/01/2021	99.14	31.59	ND	ND	67.55	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	05/19/2021	99.14	31.72	ND	ND	67.42	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	08/11/2021	99.14	32.81	ND	ND	66.33	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.128
	12/09/2021	99.14	33.13	ND	ND	66.01	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)

TABLE 1
Groundwater Monitoring Analytical Data
Southside Facility #26463
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Frederick, Maryland

		Gauging Data					Analytical Data											
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-9 Cont	03/11/2022	99.14	33.79	ND	ND	65.35	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.128
	05/12/2022	99.14	33.11	ND	ND	66.03	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.107
	09/09/2022	99.14	33.78	ND	ND	65.36	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.196
	12/02/2022	99.14	34.23	ND	ND	64.91	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.227
	02/27/2023	99.14	33.59	ND	ND	65.55	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.404
	06/01/2023	99.14	33.72	ND	ND	65.42	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.777
	09/06/2023	99.14	34.90	ND	ND	64.24	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	1.09	ND(5)	ND(0.1)	0.179
	12/12/2023	99.14	35.43	ND	ND	63.71	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	1.94	ND(5)	ND(0.1)	0.168
	02/29/2024	99.14	33.54	ND	ND	65.60	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	1.36	ND(5)	ND(0.1)	0.242
	06/04/2024	99.14	31.90	ND	ND	67.24	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	1.04	ND(5)	ND(0.1)	0.213
	09/11/2024	99.14	32.75	ND	ND	66.39	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.326
	12/10/2024	99.14	34.16	ND	ND	64.98	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.256
	03/03/2025	99.14	34.50	ND	ND	64.64	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.266
	06/19/2025	99.14	32.65	ND	ND	66.49	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	0.172

TABLE 1
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		Gauging Data					Analytical Data												
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-14	03/02/2011	97.11	33.26	ND	ND	63.85	ND(5)	ND(5)	ND(5)	ND(5)	BRL	500	ND(80)	12	ND(5)	ND(5)	ND(5)	NA	NA
	06/02/2011	97.11	30.36	ND	ND	66.75	ND(5)	ND(5)	ND(5)	ND(5)	BRL	96	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/07/2011	97.11	32.10	ND	ND	65.01	ND(5)	ND(5)	ND(5)	ND(5)	BRL	410	ND(80)	9	ND(5)	5	ND(5)	NA	NA
	11/09/2011	97.11	30.63	ND	ND	66.48	ND(5)	ND(5)	ND(5)	ND(5)	BRL	65	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/29/2012	97.11	30.50	ND	ND	66.61	ND(5)	ND(5)	ND(5)	ND(5)	BRL	23	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/24/2012	97.11	31.81	ND	ND	65.30	ND(5)	ND(5)	ND(5)	ND(5)	BRL	18	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	08/16/2012	97.11	32.27	ND	ND	64.84	ND(5)	ND(5)	ND(5)	ND(5)	BRL	19	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/28/2012	97.11	32.61	ND	ND	64.50	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/26/2013	97.11	31.64	ND	ND	65.47	ND(5)	ND(5)	ND(5)	ND(5)	BRL	130	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/17/2013	97.11	31.33	ND	ND	65.78	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	09/04/2013	97.11	32.14	ND	ND	64.97	ND(5)	ND(5)	ND(5)	ND(5)	BRL	48	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	11/15/2013	97.11	32.22	ND	ND	64.89	ND(5)	ND(5)	ND(5)	ND(5)	BRL	34	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	02/21/2014	97.11	30.36	ND	ND	66.75	ND(5)	ND(5)	ND(5)	ND(5)	BRL	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA
	05/15/2014	97.11	29.68	ND	ND	67.43	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	06/30/2015	97.11	29.89	ND	ND	67.22	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA
	08/01/2016	97.11	30.92	ND	ND	66.19	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA

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		Gauging Data					Analytical Data												
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-14 Cont	08/15/2017	97.11	33.03	ND	ND	64.08	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(20)	ND(1)	ND(1)	2	ND(5)	NA	NA
	10/30/2018	97.11	28.68	ND	ND	68.43	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	NA	NA
	01/29/2019	97.11	26.04	ND	ND	71.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
	03/14/2019	97.11	26.23	ND	ND	70.88	210	8	ND(1)	ND(5)	218	68	73	34	ND(1)	280	ND(10)	NA	NA
	06/04/2019	97.11	26.41	ND	ND	70.70	125	ND(1)	ND(1)	ND(3)	125	67.5	54.1	26.1	ND(1)	275	ND(5)	0.763	0.103
	08/22/2019	97.11	28.66	ND	ND	68.45	25.1	ND(1)	ND(1)	ND(3)	25.1	160	81.2	53.1	ND(1)	895	ND(5)	1.24	0.135
	12/17/2019	97.11	31.03	ND	ND	66.08	6.10	ND(1)	ND(1)	ND(3)	6.10	264	25.5	89.9	ND(1)	1800	ND(5)	3.27	0.246
	03/09/2020	97.11	30.96	ND	ND	66.15	ND(25)	ND(25)	ND(25)	ND(25)	BRL	257	936	71.6	ND(25)	1420	ND(125)	1.25	0.377
	06/04/2020	97.11	30.86	ND	ND	66.25	6.54	ND(5)	ND(5)	ND(15)	6.54	191	420	48.4	ND(5)	1000	ND(25)	1.53	0.525
	08/20/2020	97.11	30.91	ND	ND	66.20	8.04	ND(5)	ND(5)	ND(15)	8.04	162	ND(25)	43.9	ND(5)	938	ND(25)	1.17	0.302
	11/05/2020	97.11	31.90	ND	ND	65.21	ND(5)	ND(5)	ND(5)	ND(15)	BRL	133	66.1	32	ND(5)	607	ND(25)	1.3	0.189
	03/01/2021	97.11	30.55	ND	ND	66.56	ND(5)	ND(5)	ND(5)	ND(15)	BRL	74.6	28.9	16.7	ND(5)	340	ND(25)	0.621	0.359
	05/19/2021	97.11	30.70	ND	ND	66.41	ND(5)	ND(5)	ND(5)	ND(15)	BRL	73.5	ND(25)	16.2	ND(5)	338	ND(25)	0.493	0.269
	08/11/2021	97.11	31.66	ND	ND	65.45	ND(5)	ND(5)	ND(5)	ND(15)	BRL	46.1	ND(25)	10.6	ND(5)	205	ND(25)	0.359	0.261
	12/09/2021	97.11	32.16	ND	ND	64.95	ND(5)	ND(5)	ND(5)	ND(15)	BRL	61.9	ND(25)	6.77	ND(5)	128	ND(25)	0.219	0.196
	03/11/2022	97.11	32.81	ND	ND	64.30	ND(5)	ND(5)	ND(5)	ND(15)	BRL	38.7	ND(25)	8.77	ND(5)	171	ND(25)	0.241	0.146
	05/12/2022	97.11	32.16	ND	ND	64.95	ND(5)	ND(5)	ND(5)	ND(15)	BRL	45.7	ND(25)	7.50	ND(5)	143	ND(25)	0.605	0.215
	09/09/2022	97.11	32.74	ND	ND	64.37	ND(5)	ND(5)	ND(5)	ND(15)	BRL	16.9	ND(25)	ND(5)	ND(5)	36.8	ND(25)	ND(0.1)	ND(0.1)
	12/02/2022	97.11	33.16	ND	ND	63.95	ND(1)	ND(1)	ND(1)	ND(3)	BRL	21.0	ND(5)	2.13	ND(1)	39.6	ND(5)	ND(0.1)	0.112
	02/27/2023	97.11	32.57	ND	ND	64.54	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2.15	ND(5)	ND(1)	ND(1)	2.5	ND(5)	ND(0.1)	0.103
	06/01/2023	97.11	32.69	ND	ND	64.42	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4.86	ND(5)	ND(1)	ND(1)	7.9	ND(5)	ND(0.1)	ND(0.1)

TABLE 1
Groundwater Monitoring Analytical Data
Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland

		Gauging Data					Analytical Data												
Sample ID	**Date**	**Top of Casing Elevation**	**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)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TBA (µg/L)**	**TAME (µg/L)**	**ETBE (µg/L)**	**DIPE (µg/L)**	**Naph-thalene (µg/L)**	**TPH GRO (mg/L)**	**TPH DRO (mg/L)**
MW-14 Cont	09/06/2023	97.11	33.78	ND	ND	63.33	ND(1)	ND(1)	ND(1)	ND(3)	BRL	35.40	ND(5)	3.62	ND(1)	97.6	ND(5)	ND(0.1)	ND(0.1)
	12/12/2023	97.11	34.15	ND	ND	62.96	ND(1)	ND(1)	ND(1)	ND(3)	BRL	19.40	ND(5)	1.84	ND(1)	45.5	ND(5)	ND(0.1)	0.118
	02/29/2024	97.11	32.27	ND	ND	64.84	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3.56	ND(5)	ND(1)	ND(1)	5.18	ND(5)	ND(0.1)	ND(0.1)
	06/04/2024	97.11	30.79	ND	ND	66.32	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1.78	ND(5)	ND(1)	ND(1)	2.25	ND(5)	ND(0.1)	ND(0.1)
	09/11/2024	97.11	31.62	ND	ND	65.49	ND(1)	ND(1)	ND(1)	ND(3)	BRL	53.90	ND(5)	4.21	ND(1)	90.60	ND(5)	0.286	0.344
	12/10/2024	97.11	32.89	ND	ND	64.22	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
	03/03/2025	97.11	33.21	ND	ND	63.90	ND(1)	ND(1)	ND(1)	ND(3)	BRL	13	ND(5)	ND(1)	ND(1)	17.8	ND(5)	ND(0.1)	0.276
	06/19/2025	97.11	31.27	ND	ND	65.84	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.1)	ND(0.1)
MDE Groundwater Cleanup Standards																			
Type I and II Aquifers							5	1,000	700	10,000	--	20	--	--	--	--	0.17	0.047	0.047

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
Shaded - Exceeds the MDE Groundwater Cleanup Standard
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

* MDE standards referenced from the State of Maryland Department of the Environment Cleanup Standards for Soil and Groundwater dated October 2018, Interim Final Guidance (Update No. 3)

TABLE 2
Potable Well (On-site) Analytical Data
Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland

Sample 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)
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)

TABLE 2
Potable Well (On-site) Analytical Data
Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland

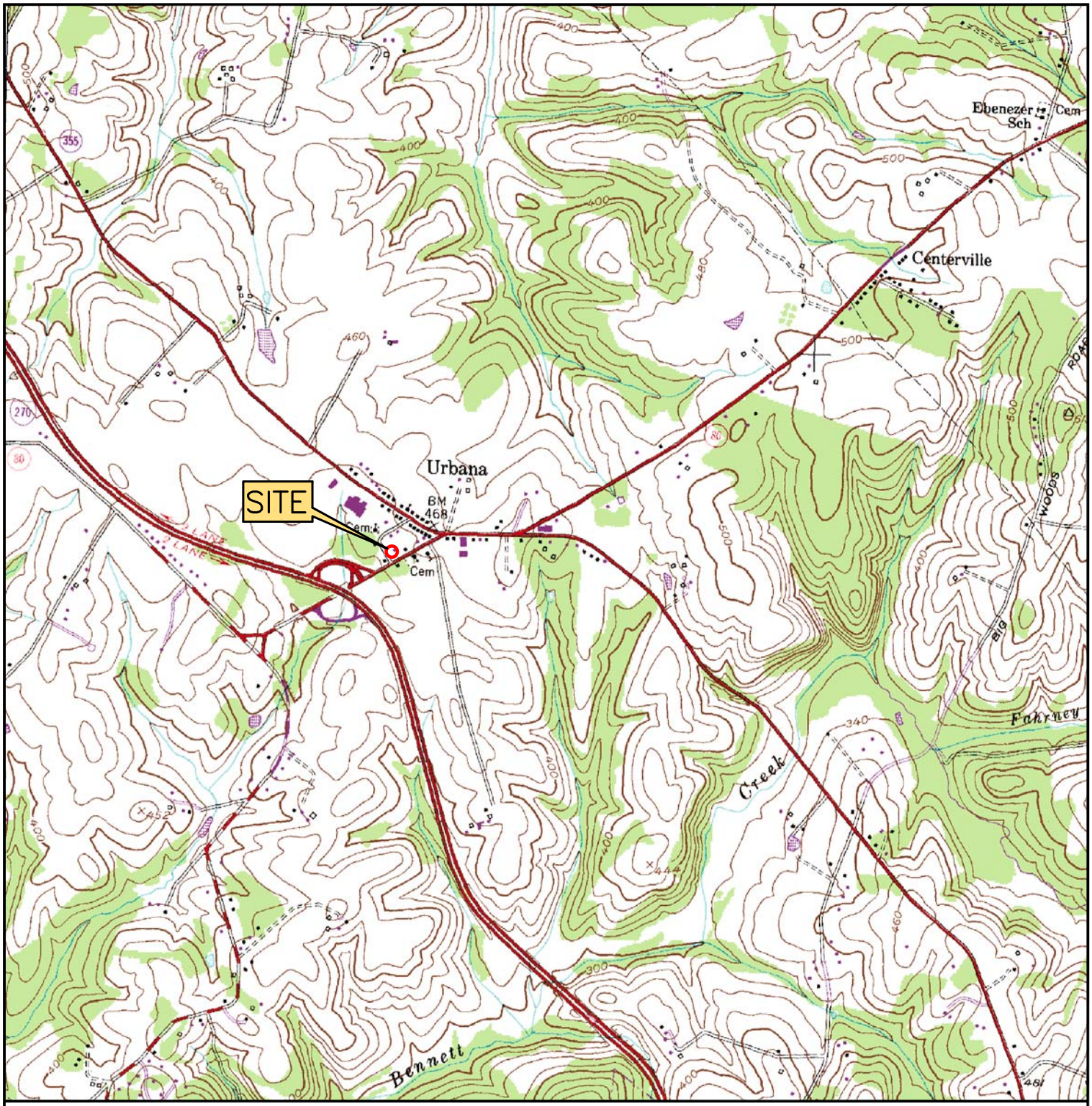
Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	* MTBE (µg/L)	* TBA (µg/L)	* TAME (µg/L)	* ETBE (µg/L)	* DIPE (µg/L)	* Naph-thalene (µg/L)
PW-1 Cont.	02/26/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.6	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	05/17/2013	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)
	05/15/2014	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)
	06/30/2015	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)
	08/01/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	08/15/2017	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)
	10/31/2018	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)
	03/14/2019	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)
	06/04/2019	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	NA	NA	NA	NA	NA
	08/22/2019	ND(0.5)	ND(1)	ND(0.5	ND(0.5)	BRL	ND(0.5)	NA	NA	NA	NA	NA
	12/17/2019	ND(0.5)	ND(1)	ND(0.5	ND(0.5)	BRL	1.27	NA	NA	NA	NA	NA
	03/09/2020	ND(0.5)	ND(1)	ND(0.5	ND(0.5)	BRL	1.07	NA	NA	NA	NA	NA
	06/04/2020	ND(0.5)	ND(1)	ND(0.5	ND(0.5)	BRL	0.794	NA	NA	NA	NA	NA
	08/20/2020	ND(0.5)	ND(1)	ND(0.5	ND(0.5)	BRL	0.716	NA	NA	NA	NA	NA
	11/05/2020	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(5.0)	NA	NA	NA	NA
	03/01/2021	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	1.55	ND(5.0)	ND(1)	ND(1)	ND(1)	NA
	05/19/2021	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	NA
	08/11/2021	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	NA
	12/09/2021	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	03/11/2022	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	05/12/2022	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	12/02/2022	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)

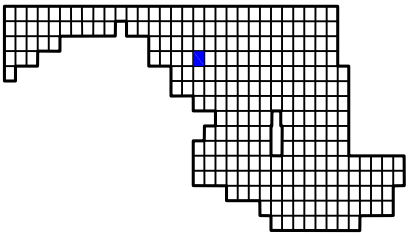
TABLE 2
Potable Well (On-site) Analytical Data
Southside Facility #26463
8816 Fingerboard Road
Frederick, Maryland

Sample 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)
PW-1 Cont.	02/27/2023	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	06/01/2023	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	09/06/2023	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	12/12/2023	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	02/29/2024	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	06/04/2024	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	09/11/2024	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	12/10/2024	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	03/03/2025	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)
	06/19/2025	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.590	ND(5.0)	ND(1)	ND(1)	ND(1)	ND(5.0)

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
TBA - Tertiary Butyl Alcohol
* Samples analyzed by Method 8260 beginning on 03/01/2021
J - Indicates an estimated value
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
NS - Not sampled
TAME - Tertiary Amyl Methyl Ether
ND(5.0) - Not detected at or above the reporting limit

FIGURES





TOPOGRAPHIC QUADRANGLE:
URBANA, MARYLAND

APPROX. ELEVATION: 467 FT.

North

0 2000

SCALE IN FEET

FIGURE #			
1	SOUTHSIDE FACILITY #26463 8816 FINGERBOARD ROAD FREDERICK, MARYLAND	SITE LOCATION MAP	
		DRAWN BY: B.S.	REVISION DATE: 6/20/2019

EnviroTrac
ENVIRONMENTAL SERVICES
155 RIVERBEND DRIVE, SUITE A, CHARLOTTESVILLE, VA 22911
PHONE: (434)202-7808

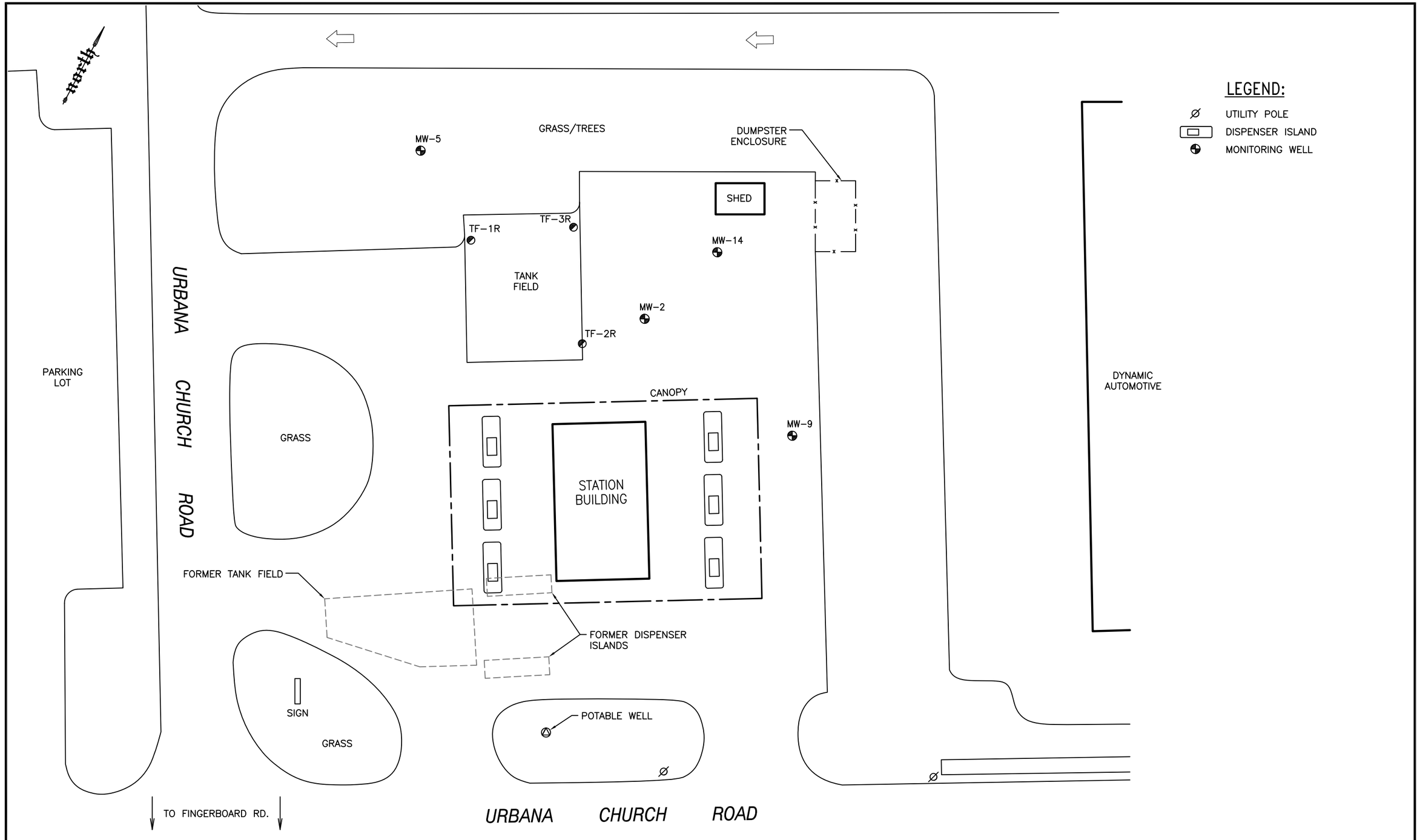


FIGURE # 2	SOUTHSIDE FACILITY #26463 8816 FINGERBOARD ROAD FREDERICK, MARYLAND	SITE PLAN	0 30 SCALE IN FEET	EnviroTrac ENVIRONMENTAL SERVICES 155 RIVERBEND DRIVE, SUITE A, CHARLOTTESVILLE, VA 22911 PHONE: (434)202-7808
		DRAWN BY: B.S. / REVISION DATE: 7/8/2019		

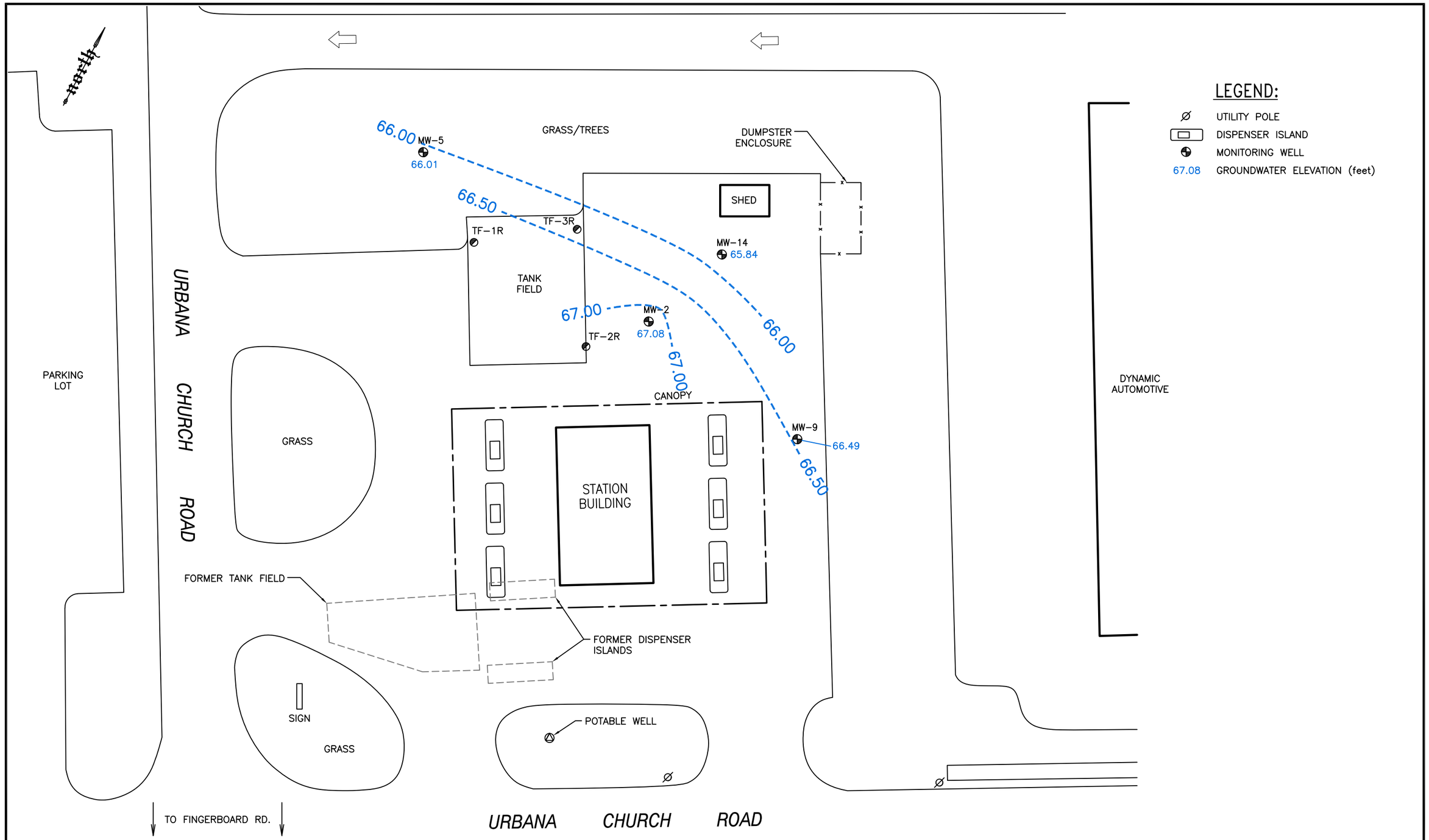


FIGURE # 3	SOUTHSIDE FACILITY #26463 8816 FINGERBOARD ROAD FREDERICK, MARYLAND	POTENTIOMETRIC SURFACE MAP JUNE 19, 2025	0 30 SCALE IN FEET	EnviroTrac ENVIRONMENTAL SERVICES 155 RIVERBEND DRIVE, SUITE A, CHARLOTTESVILLE, VA 22911 PHONE: (434)202-7808
		DRAWN BY: B.S. / REVISION DATE: 7/17/2025		

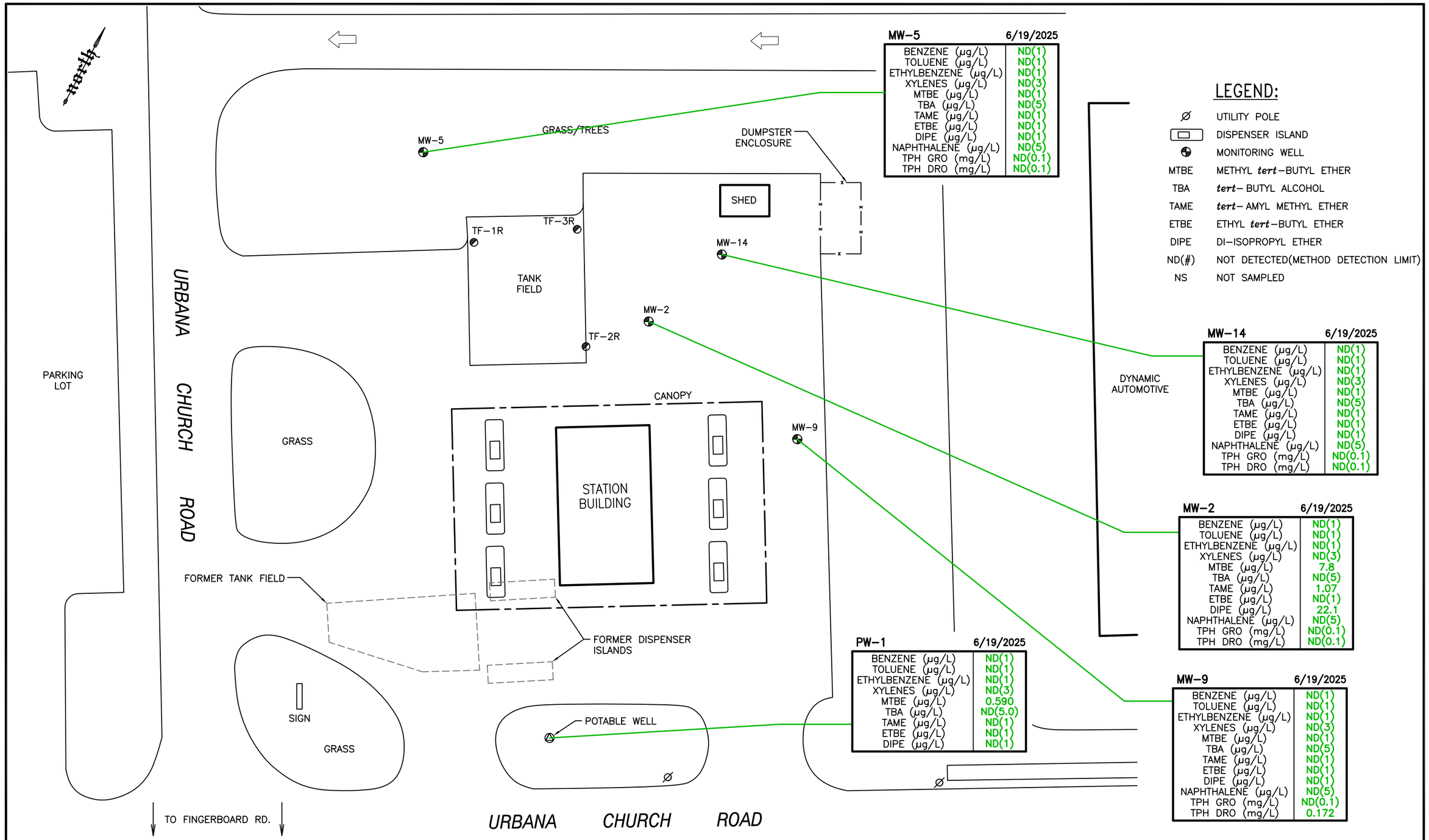


FIGURE # 4	SOUTHSIDE FACILITY #26463 8816 FINGERBOARD ROAD FREDERICK, MARYLAND	GROUNDWATER ANALYTICAL RESULTS MAP JUNE 19, 2025 DRAWN BY: B.S. REVISION DATE: 8/7/2025	0 30 SCALE IN FEET

EnviroTrac
ENVIRONMENTAL SERVICES
155 RIVERBEND DRIVE, SUITE A, CHARLOTTESVILLE, VA 22911
PHONE: (434)202–7808

APPENDIX A

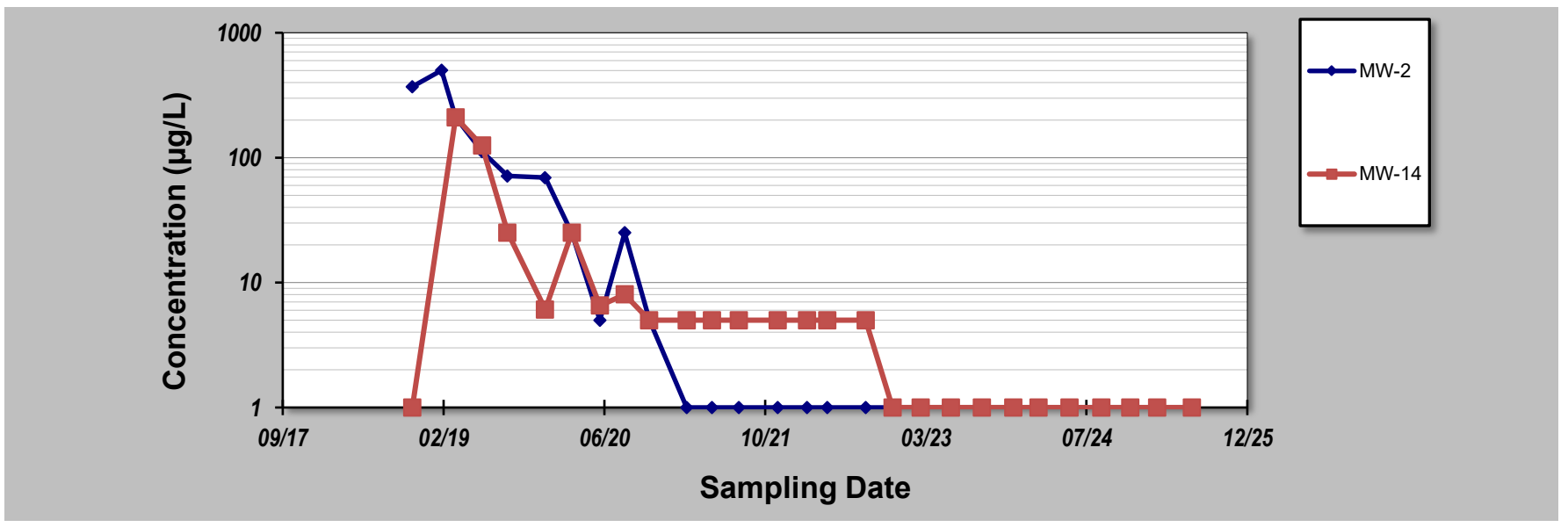
MANN-KENDALL TREND ANALYSIS

EnviroTrac
Environmental Services

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	**Job ID:**	South Side Facility #26463
Facility Name:	South Side Facility #2643	**Constituent:**	Benzene
Conducted By:	T. Mills	**Concentration Units:**	µg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	**Sampling Date**	**BENZENE CONCENTRATION (µg/L)**					
1	10/30/2018	370	1				
2	1/29/2019	500					
3	3/14/2019	210	210				
4	6/4/2019	112	125				
5	8/22/2019	71.3	25.1				
6	12/17/2019	69.3	6.1				
7	3/9/2020	25	25				
8	6/4/2020	5	6.54				
9	8/20/2020	25	8.04				
10	11/5/2020	5	5				
11	3/1/2021	1	5				
12	5/19/2021	1	5				
13	8/11/2021	1	5				
14	12/9/2021	1	5				
15	3/11/2022	1	5				
16	5/12/2022	1	5				
17	9/9/2022	1	5				
18	12/2/2022	1	1				
19	2/27/2023	1	1				
20	6/1/2023	1	1				
21	9/6/2023	1	1				
22	12/12/2023	1	1				
23	2/29/2024	1	1				
24	6/4/2024	1	1				
25	9/11/2024	1	1				
26	12/10/2024	1	1				
27	3/3/2025	1	1				
28	6/19/2025	1	1				
29							
30							
Coefficient of Variation:		2.37	2.68				
Mann-Kendall Statistic (S):		-219	-219				
Confidence Factor:		>99.9%	>99.9%				
Concentration Trend:		Decreasing	Decreasing				



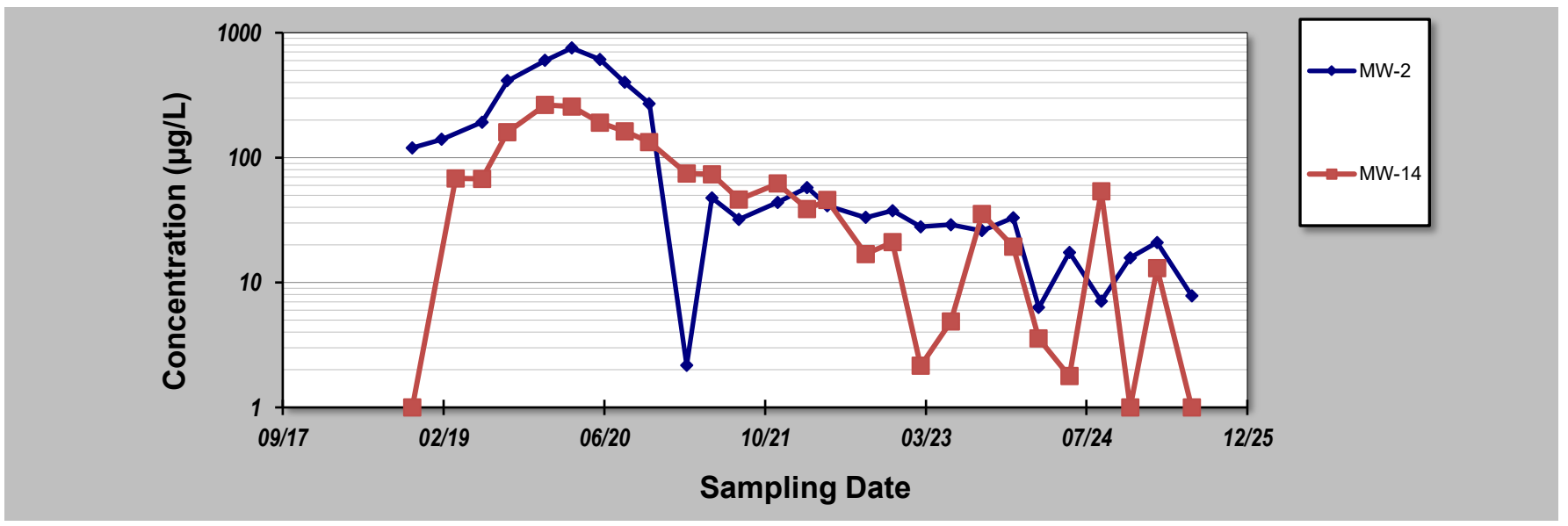
Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	**Job ID:**	South Side Facility #26463
Facility Name:	South Side Facility #2643	**Constituent:**	MTBE
Conducted By:	T. Mills	**Concentration Units:**	µg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	**Sampling Date**	**MTBE CONCENTRATION (µg/L)**					
1	10/30/2018	120	1				
2	1/29/2019	140					
3	3/14/2019	110	68				
4	6/4/2019	192	67.5				
5	8/22/2019	413	160				
6	12/17/2019	600	264				
7	3/9/2020	754	257				
8	6/4/2020	612	191				
9	8/20/2020	401	162				
10	11/5/2020	271	133				
11	3/1/2021	2.17	74.6				
12	5/19/2021	47.6	73.5				
13	8/11/2021	32	46.1				
14	12/9/2021	43.7	61.9				
15	3/11/2022	57.6	38.7				
16	5/12/2022	41.3	45.7				
17	9/9/2022	33.2	16.9				
18	12/2/2022	37.7	21.0				
19	2/27/2023	27.9	2.15				
20	6/1/2023	29	4.86				
21	9/6/2023	26	35.4				
22	12/12/2023	33	19.4				
23	2/29/2024	6.3	3.56				
24	6/4/2024	17.4	1.78				
25	9/11/2024	7.09	53.9				
26	12/10/2024	15.8	1				
27	3/3/2025	20.9	13				
28	6/19/2025	7.82	1				
29							
30							
Coefficient of Variation:		1.46	1.14				
Mann-Kendall Statistic (S):		-242	-204				
Confidence Factor:		>99.9%	>99.9%				
Concentration Trend:		Decreasing	Decreasing				



Notes:

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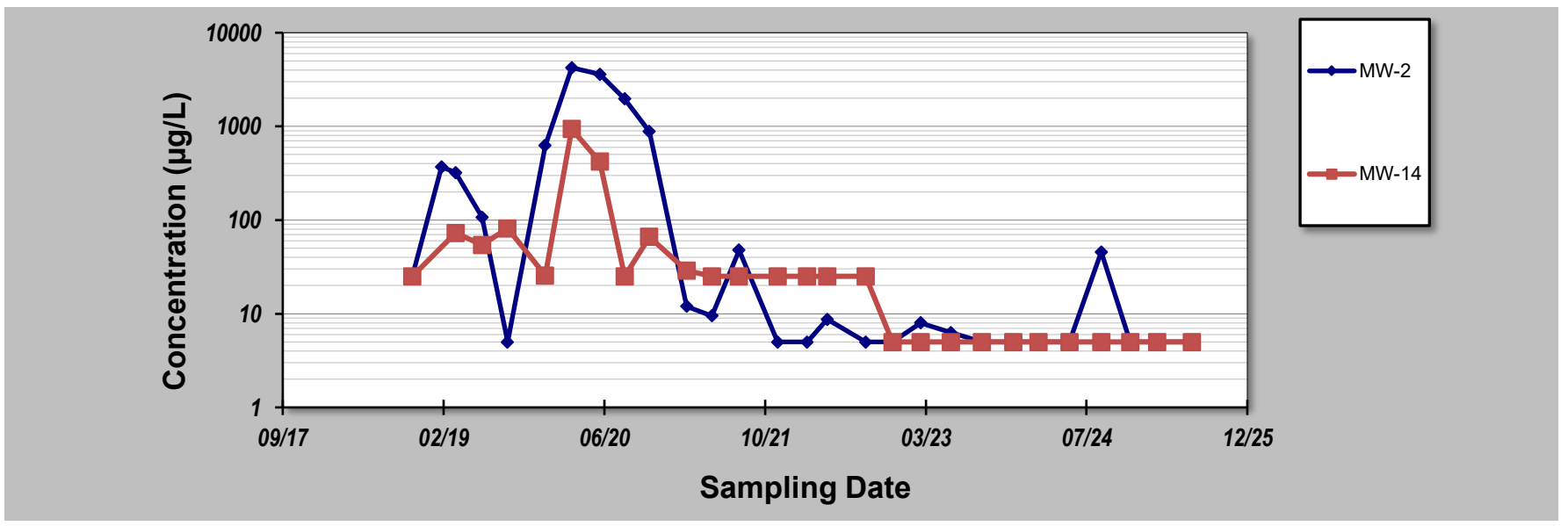
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water* , 41(3):355-367, 2003.

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	**Job ID:**	South Side Facility #26463
Facility Name:	South Side Facility #2643	**Constituent:**	TBA
Conducted By:	T. Mills	**Concentration Units:**	µg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	**Sampling Date**	**TBA CONCENTRATION (µg/L)**					
1	10/30/2018	25	25				
2	1/29/2019	370					
3	3/14/2019	320	73				
4	6/4/2019	107	54.1				
5	8/22/2019	5	81.2				
6	12/17/2019	624	25.5				
7	3/9/2020	4230	936				
8	6/4/2020	3600	420				
9	8/20/2020	1970	25				
10	11/5/2020	883	66.1				
11	3/1/2021	12	28.9				
12	5/19/2021	9.49	25				
13	8/11/2021	47.7	25				
14	12/9/2021	5	25				
15	3/11/2022	5	25				
16	5/12/2022	8.73	25				
17	9/9/2022	5	25				
18	12/2/2022	5	5				
19	2/27/2023	7.99	5				
20	6/1/2023	6.3	5				
21	9/6/2023	5	5				
22	12/12/2023	5	5				
23	2/29/2024	5	5				
24	6/4/2024	5	5				
25	9/11/2024	45.6	5				
26	12/10/2024	5	5				
27	3/3/2025	5	5				
28	6/19/2025	5	5				
29							
30							
Coefficient of Variation:		2.42	2.65				
Mann-Kendall Statistic (S):		-180	-222				
Confidence Factor:		>99.9%	>99.9%				
Concentration Trend:		Decreasing	Decreasing				



Notes:

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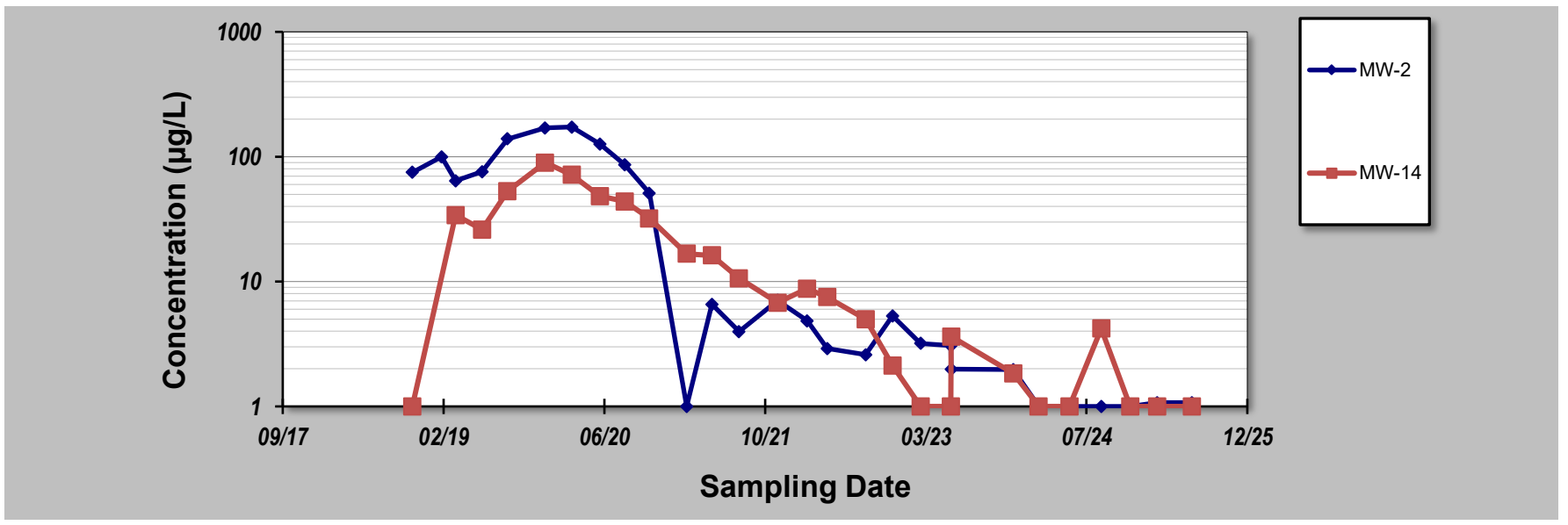
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	**Job ID:**	South Side Facility #26463
Facility Name:	South Side Facility #2643	**Constituent:**	TAME
Conducted By:	T. Mills	**Concentration Units:**	µg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	**Sampling Date**	**TAME CONCENTRATION (µg/L)**					
1	10/30/2018	75	1				
2	1/29/2019	100					
3	3/14/2019	64	34				
4	6/4/2019	75.7	26.1				
5	8/22/2019	139	53.1				
6	12/17/2019	170	89.9				
7	3/9/2020	173	71.6				
8	6/4/2020	126	48.4				
9	8/20/2020	86.1	43.9				
10	11/5/2020	51	32				
11	3/1/2021	1	16.7				
12	5/19/2021	6.58	16.2				
13	8/11/2021	3.98	10.6				
14	12/9/2021	7.07	6.77				
15	3/11/2022	4.85	8.77				
16	5/12/2022	2.91	7.5				
17	9/9/2022	2.59	5				
18	12/2/2022	5.32	2.13				
19	2/27/2023	3.2	1				
20	6/1/2023	3.06	1				
21	6/2/2023	1.99	3.62				
22	12/12/2023	1.97	1.84				
23	2/29/2024	1	1				
24	6/4/2024	1	1				
25	9/11/2024	1	4.21				
26	12/10/2024	1	1				
27	3/3/2025	1.07	1				
28	6/19/2025	1.07	1				
29							
30							
Coefficient of Variation:		1.42	1.33				
Mann-Kendall Statistic (S):		-253	-231				
Confidence Factor:		>99.9%	>99.9%				
Concentration Trend:		Decreasing	Decreasing				



Notes:

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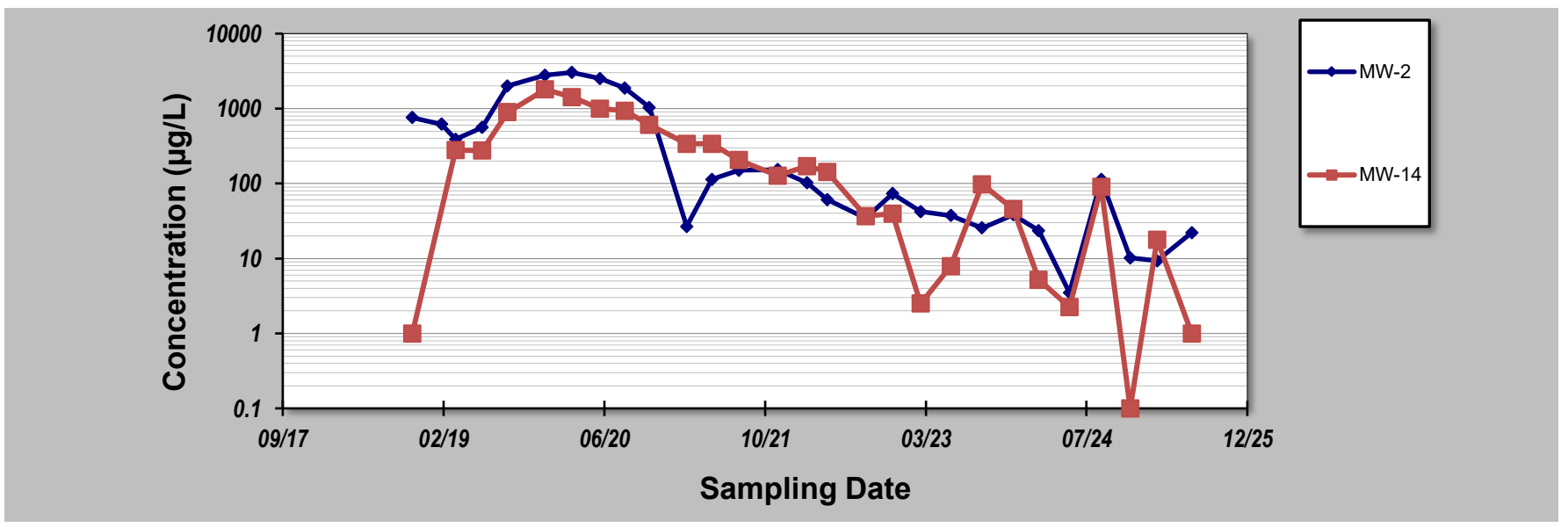
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	Job ID:	South Side Facility #26463
Facility Name:	South Side Facility #2643	Constituent:	DIPE
Conducted By:	T. Mills	Concentration Units:	µg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	Sampling Date	DIPE CONCENTRATION (µg/L)					
1	10/30/2018	760	1				
2	1/29/2019	620					
3	3/14/2019	390	280				
4	6/4/2019	559	275				
5	8/22/2019	2000	895				
6	12/17/2019	2800	1800				
7	3/9/2020	3030	1420				
8	6/4/2020	2510	1000				
9	8/20/2020	1880	938				
10	11/5/2020	1040	607				
11	3/1/2021	26.8	340				
12	5/19/2021	114	338				
13	8/11/2021	151	205				
14	12/9/2021	153	128				
15	3/11/2022	102	171				
16	5/12/2022	61.3	143				
17	9/9/2022	34.7	36.8				
18	12/2/2022	73.3	39.6				
19	2/27/2023	42.2	2.5				
20	6/1/2023	37.5	7.9				
21	9/6/2023	25.6	97.6				
22	12/12/2023	38.4	45.5				
23	2/29/2024	23.5	5.18				
24	6/4/2024	3.5	2.25				
25	9/11/2024	113	90.6				
26	12/10/2024	10.2	0.1				
27	3/3/2025	9.3	17.8				
28	6/19/2025	22.1	1				
29							
30							
Coefficient of Variation:		1.57	1.45				
Mann-Kendall Statistic (S):		-248	-210				
Confidence Factor:		>99.9%	>99.9%				
Concentration Trend:		Decreasing	Decreasing				



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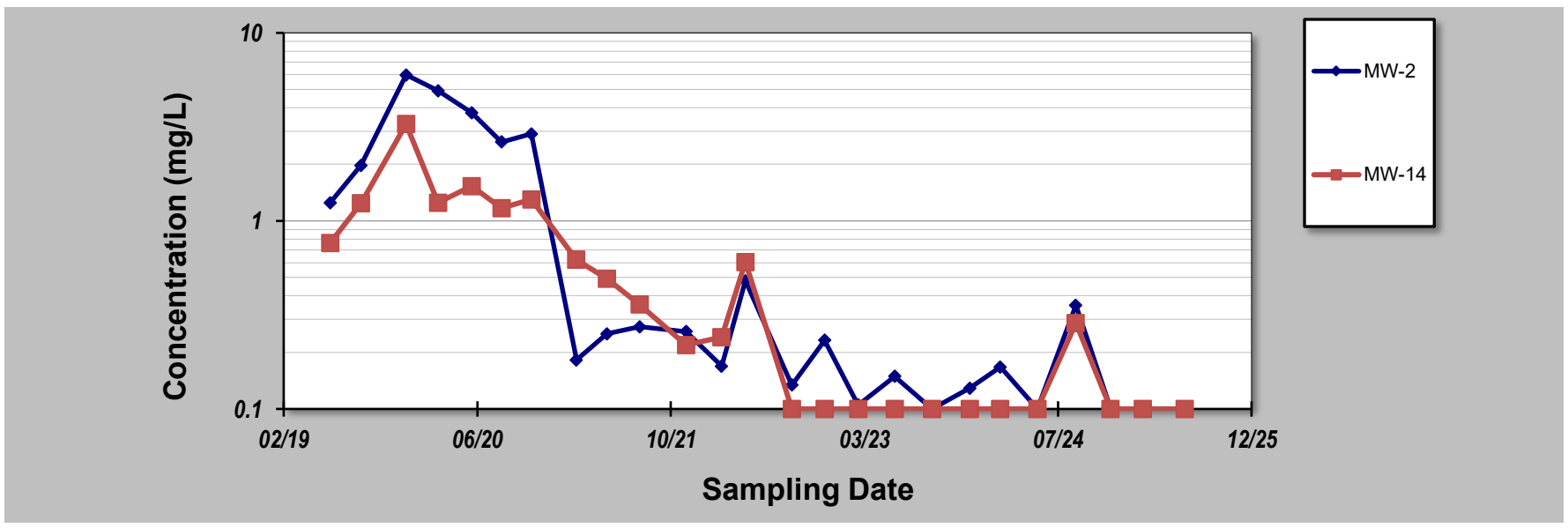
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	**Job ID:**	South Side Facility #26463
Facility Name:	South Side Facility #2643	**Constituent:**	TPH GRO
Conducted By:	T. Mills	**Concentration Units:**	mg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	**Sampling Date**	**TPH GRO CONCENTRATION (mg/L)**					
1	6/4/2019	1.25	0.763				
2	8/22/2019	1.97	1.24				
3	12/17/2019	5.98	3.27				
4	3/9/2020	4.93	1.25				
5	6/4/2020	3.76	1.53				
6	8/20/2020	2.63	1.17				
7	11/5/2020	2.9	1.3				
8	3/1/2021	0.182	0.621				
9	5/19/2021	0.251	0.493				
10	8/11/2021	0.274	0.359				
11	12/9/2021	0.258	0.219				
12	3/11/2022	0.169	0.241				
13	5/12/2022	0.480	0.605				
14	9/9/2022	0.134	0.1				
15	12/2/2022	0.232	0.1				
16	2/27/2023	0.105	0.1				
17	6/1/2023	0.149	0.1				
18	9/6/2023	0.1	0.1				
19	12/12/2023	0.129	0.1				
20	2/29/2024	0.167	0.1				
21	6/4/2024	0.1	0.1				
22	9/11/2024	0.356	0.286				
23	12/10/2024	0.1	0.1				
24	3/3/2025	0.1	0.1				
25	6/19/2025	0.1	0.1				
26							
27							
28							
29							
30							
Coefficient of Variation:		1.56	1.27				
Mann-Kendall Statistic (S):		-196	-189				
Confidence Factor:		>99.9%	>99.9%				
Concentration Trend:		Decreasing	Decreasing				



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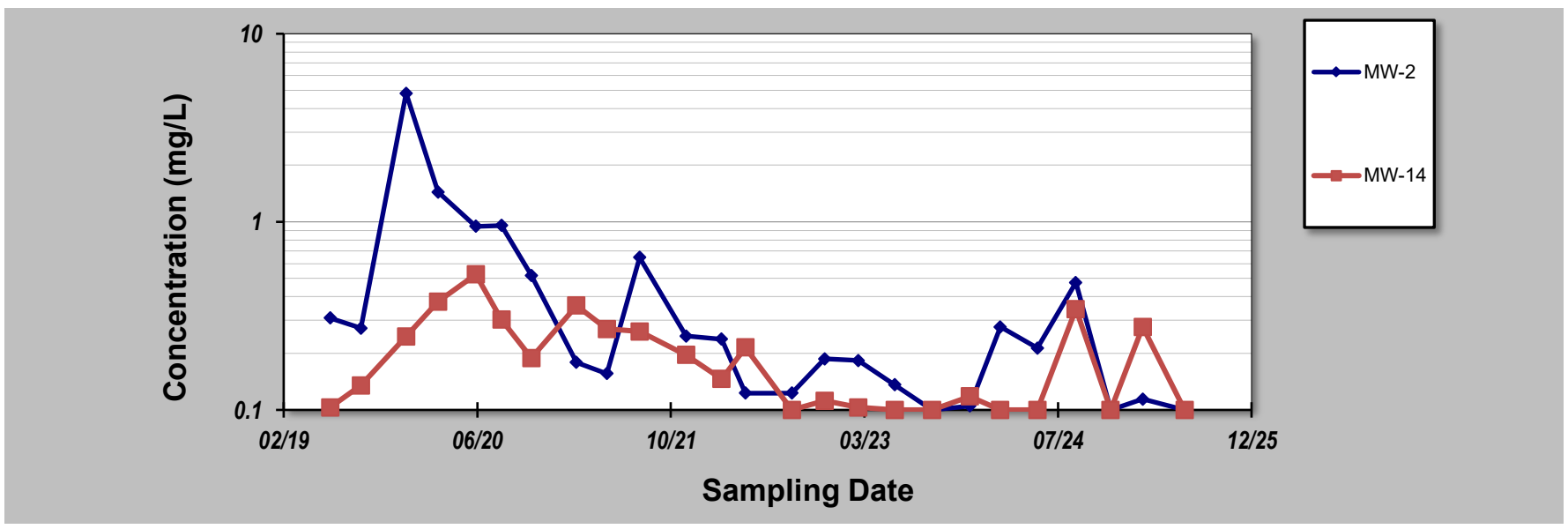
GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	16-Jul-25	Job ID:	South Side Facility #26463
Facility Name:	South Side Facility #2643	Constituent:	TPH DRO
Conducted By:	T. Mills	Concentration Units:	mg/L

Sampling Point ID:	MW-2	MW-14					
Sampling Event	Sampling Date	TPH DRO CONCENTRATION (mg/L)					
1	6/4/2019	0.308	0.103				
2	8/22/2019	0.272	0.135				
3	12/17/2019	4.83	0.246				
4	3/9/2020	1.44	0.377				
5	6/14/2020	0.947	0.525				
6	8/20/2020	0.957	0.302				
7	11/5/2020	0.519	0.189				
8	3/1/2021	0.179	0.359				
9	5/19/2021	0.156	0.269				
10	8/11/2021	0.647	0.261				
11	12/9/2021	0.247	0.196				
12	3/11/2022	0.238	0.146				
13	5/12/2022	0.123	0.215				
14	9/9/2022	0.123	0.1				
15	12/2/2022	0.187	0.112				
16	2/27/2023	0.183	0.103				
17	6/1/2023	0.136	0.1				
18	9/6/2023	0.1	0.1				
19	12/12/2023	0.105	0.118				
20	2/29/2024	0.276	0.1				
21	6/4/2024	0.213	0.1				
22	9/11/2024	0.475	0.344				
23	12/10/2024	0.1	0.1				
24	3/3/2025	0.114	0.276				
25	6/19/2025	0.1	0.1				
26							
27							
28							
29							
30							
Coefficient of Variation:		1.85	0.58				
Mann-Kendall Statistic (S):		-156	-112				
Confidence Factor:		>99.9%	99.6%				
Concentration Trend:		Decreasing	Decreasing				



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APPENDIX B

LABORATORY ANALYTICAL REPORT

EnviroTrac
Environmental Services

ANALYTICAL REPORT

July 03, 2025

EnviroTrac Ltd. - Sunoco

Sample Delivery Group:	L1872012
Samples Received:	06/21/2025
Project Number:	SUN3998
Description:	Quarterly Sampling
Site:	Sunoco Frederick
Report To:	Eric Shertzer
	155 Riverbend Drive Suite A
	Charlottesville, VA 22911

Entire Report Reviewed By:

Chad A Upchurch
Project Manager

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

PW-1 L1872012-01

Collected by: D. Shertzer | Collected date/time: 06/19/25 14:00 | Received date/time: 06/21/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2544527	1	06/24/25 08:16	06/24/25 08:16	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 524.2	WG2545809	1	06/25/25 09:32	06/25/25 09:32	DYW	Mt. Juliet, TN

PW-1 L1872012-02

Collected by: D. Shertzer | Collected date/time: 06/19/25 14:00 | Received date/time: 06/21/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546019	1	06/25/25 02:29	06/25/25 02:29	WHS	Mt. Juliet, TN

MW-2 L1872012-03

Collected by: D. Shertzer | Collected date/time: 06/19/25 12:30 | Received date/time: 06/21/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2547860	1	06/27/25 02:04	06/27/25 02:04	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546019	1	06/25/25 02:49	06/25/25 02:49	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2547429	1	07/02/25 07:22	07/03/25 00:18	CAH	Mt. Juliet, TN

MW-5 L1872012-04

Collected by: D. Shertzer | Collected date/time: 06/19/25 12:00 | Received date/time: 06/21/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2547860	1	06/27/25 02:24	06/27/25 02:24	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546019	1	06/25/25 03:09	06/25/25 03:09	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2547429	1	07/02/25 07:22	07/03/25 00:38	CAH	Mt. Juliet, TN

MW-9 L1872012-05

Collected by: D. Shertzer | Collected date/time: 06/19/25 13:30 | Received date/time: 06/21/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2547860	1	06/27/25 02:44	06/27/25 02:44	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546019	1	06/25/25 03:29	06/25/25 03:29	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2547429	1	07/02/25 07:22	07/03/25 00:58	CAH	Mt. Juliet, TN

MW-14 L1872012-06

Collected by: D. Shertzer | Collected date/time: 06/19/25 13:00 | Received date/time: 06/21/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method 8015D	WG2547860	1	06/27/25 03:04	06/27/25 03:04	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2546019	1	06/25/25 03:49	06/25/25 03:49	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2547429	1	07/02/25 07:22	07/03/25 01:18	CAH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chad A Upchurch
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1872012-03	MW-2	8015D

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		0.500	1	06/24/2025 08:16	WG2544527
Carbon tetrachloride	ND		0.500	1	06/24/2025 08:16	WG2544527
1,4-Dichlorobenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
1,2-Dichloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1-Dichloroethene	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1,1-Trichloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
Trichloroethene	ND		0.500	1	06/24/2025 08:16	WG2544527
Vinyl chloride	ND		0.500	1	06/24/2025 08:16	WG2544527
1,2,4-Trichlorobenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
cis-1,2-Dichloroethene	ND		0.500	1	06/24/2025 08:16	WG2544527
Xylenes, Total	ND		0.500	1	06/24/2025 08:16	WG2544527
Methylene chloride	ND		0.500	1	06/24/2025 08:16	WG2544527
1,2-Dichlorobenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
trans-1,2-Dichloroethene	ND		0.500	1	06/24/2025 08:16	WG2544527
1,2-Dichloropropane	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1,2-Trichloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
Tetrachloroethene	ND		0.500	1	06/24/2025 08:16	WG2544527
Chlorobenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
Toluene	ND		1.00	1	06/24/2025 08:16	WG2544527
Ethylbenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
Styrene	ND		0.500	1	06/24/2025 08:16	WG2544527
Bromobenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
Bromodichloromethane	ND		0.500	1	06/24/2025 08:16	WG2544527
Bromoform	ND		0.500	1	06/24/2025 08:16	WG2544527
Bromomethane	ND		1.00	1	06/24/2025 08:16	WG2544527
Chlorodibromomethane	ND		0.500	1	06/24/2025 08:16	WG2544527
Chloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
Chloroform	ND		0.500	1	06/24/2025 08:16	WG2544527
Chloromethane	ND		0.500	1	06/25/2025 09:32	WG2545809
2-Chlorotoluene	ND		0.500	1	06/24/2025 08:16	WG2544527
4-Chlorotoluene	ND		0.500	1	06/24/2025 08:16	WG2544527
Dibromomethane	ND		0.500	1	06/24/2025 08:16	WG2544527
Methyl tert-butyl ether	0.590		0.500	1	06/24/2025 08:16	WG2544527
1,3-Dichlorobenzene	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1-Dichloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
1,3-Dichloropropane	ND		0.500	1	06/24/2025 08:16	WG2544527
2,2-Dichloropropane	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1-Dichloropropene	ND		0.500	1	06/24/2025 08:16	WG2544527
1,3-Dichloropropene	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1,1,2-Tetrachloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
1,1,2,2-Tetrachloroethane	ND		0.500	1	06/24/2025 08:16	WG2544527
1,2,3-Trichloropropane	ND		0.500	1	06/24/2025 08:16	WG2544527
(S) 4-Bromofluorobenzene	*103*		*70.0-130*		*06/24/2025 08:16*	WG2544527
(S) 4-Bromofluorobenzene	*96.5*		*70.0-130*		*06/25/2025 09:32*	WG2545809
(S) 1,2-Dichlorobenzene-d4	*103*		*70.0-130*		*06/24/2025 08:16*	WG2544527
(S) 1,2-Dichlorobenzene-d4	*93.0*		*70.0-130*		*06/25/2025 09:32*	WG2545809

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	06/25/2025 02:29	WG2546019
Acrylonitrile	ND		10.0	1	06/25/2025 02:29	WG2546019
Benzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Bromobenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Bromochloromethane	ND		1.00	1	06/25/2025 02:29	WG2546019
Bromodichloromethane	ND		1.00	1	06/25/2025 02:29	WG2546019
Bromoform	ND		1.00	1	06/25/2025 02:29	WG2546019
Bromomethane	ND		5.00	1	06/25/2025 02:29	WG2546019
n-Butylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
sec-Butylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
tert-Butylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Carbon tetrachloride	ND		1.00	1	06/25/2025 02:29	WG2546019
Carbon disulfide	ND		1.00	1	06/25/2025 02:29	WG2546019
Chlorobenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Chlorodibromomethane	ND		1.00	1	06/25/2025 02:29	WG2546019
Chloroethane	ND		5.00	1	06/25/2025 02:29	WG2546019
Chloroform	ND		5.00	1	06/25/2025 02:29	WG2546019
Chloromethane	ND		2.50	1	06/25/2025 02:29	WG2546019
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/25/2025 02:29	WG2546019
1,2-Dibromoethane	ND		1.00	1	06/25/2025 02:29	WG2546019
Dibromomethane	ND		1.00	1	06/25/2025 02:29	WG2546019
1,2-Dichlorobenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
1,3-Dichlorobenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
1,4-Dichlorobenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
trans-1,4-Dichloro-2-butene	ND		2.50	1	06/25/2025 02:29	WG2546019
Dichlorodifluoromethane	ND		5.00	1	06/25/2025 02:29	WG2546019
1,1-Dichloroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
1,2-Dichloroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
1,1-Dichloroethene	ND		1.00	1	06/25/2025 02:29	WG2546019
cis-1,2-Dichloroethene	ND		1.00	1	06/25/2025 02:29	WG2546019
trans-1,2-Dichloroethene	ND		1.00	1	06/25/2025 02:29	WG2546019
1,2-Dichloropropane	ND		1.00	1	06/25/2025 02:29	WG2546019
cis-1,3-Dichloropropene	ND		1.00	1	06/25/2025 02:29	WG2546019
trans-1,3-Dichloropropene	ND		1.00	1	06/25/2025 02:29	WG2546019
Ethylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Hexachloro-1,3-butadiene	ND		1.00	1	06/25/2025 02:29	WG2546019
2-Hexanone	ND		10.0	1	06/25/2025 02:29	WG2546019
2-Butanone (MEK)	ND		10.0	1	06/25/2025 02:29	WG2546019
Iodomethane	ND	C3	10.0	1	06/25/2025 02:29	WG2546019
Methylene Chloride	ND		5.00	1	06/25/2025 02:29	WG2546019
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/25/2025 02:29	WG2546019
Naphthalene	ND		5.00	1	06/25/2025 02:29	WG2546019
n-Propylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Styrene	ND		1.00	1	06/25/2025 02:29	WG2546019
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
Tetrachloroethene	ND		1.00	1	06/25/2025 02:29	WG2546019
Toluene	ND		1.00	1	06/25/2025 02:29	WG2546019
1,2,4-Trichlorobenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
1,1,1-Trichloroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
1,1,2-Trichloroethane	ND		1.00	1	06/25/2025 02:29	WG2546019
Trichloroethene	ND		1.00	1	06/25/2025 02:29	WG2546019
Trichlorofluoromethane	ND		5.00	1	06/25/2025 02:29	WG2546019
1,2,3-Trichloropropane	ND		2.50	1	06/25/2025 02:29	WG2546019
1,2,4-Trimethylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	06/25/2025 02:29	WG2546019
Vinyl acetate	ND		10.0	1	06/25/2025 02:29	WG2546019
Vinyl chloride	ND		1.00	1	06/25/2025 02:29	WG2546019
Xylenes, Total	ND		3.00	1	06/25/2025 02:29	WG2546019
Di-isopropyl ether	ND		1.00	1	06/25/2025 02:29	WG2546019
Ethanol	ND		100	1	06/25/2025 02:29	WG2546019
Ethyl tert-butyl ether	ND		1.00	1	06/25/2025 02:29	WG2546019
Methyl tert-butyl ether	ND		1.00	1	06/25/2025 02:29	WG2546019
tert-Butyl alcohol	ND		5.00	1	06/25/2025 02:29	WG2546019
tert-Amyl Methyl Ether	ND		1.00	1	06/25/2025 02:29	WG2546019
(S) Toluene-d8	*107*		*80.0-120*		*06/25/2025 02:29*	WG2546019
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*06/25/2025 02:29*	WG2546019
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/25/2025 02:29*	WG2546019

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/27/2025 02:04	WG2547860
(S) a,a,a-Trifluorotoluene(FID)	*99.1*		*78.0-120*		*06/27/2025 02:04*	WG2547860

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	06/25/2025 02:49	WG2546019
Acrylonitrile	ND		10.0	1	06/25/2025 02:49	WG2546019
Benzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Bromobenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Bromochloromethane	ND		1.00	1	06/25/2025 02:49	WG2546019
Bromodichloromethane	ND		1.00	1	06/25/2025 02:49	WG2546019
Bromoform	ND		1.00	1	06/25/2025 02:49	WG2546019
Bromomethane	ND		5.00	1	06/25/2025 02:49	WG2546019
n-Butylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
sec-Butylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
tert-Butylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Carbon tetrachloride	ND		1.00	1	06/25/2025 02:49	WG2546019
Carbon disulfide	ND		1.00	1	06/25/2025 02:49	WG2546019
Chlorobenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Chlorodibromomethane	ND		1.00	1	06/25/2025 02:49	WG2546019
Chloroethane	ND		5.00	1	06/25/2025 02:49	WG2546019
Chloroform	ND		5.00	1	06/25/2025 02:49	WG2546019
Chloromethane	ND		2.50	1	06/25/2025 02:49	WG2546019
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/25/2025 02:49	WG2546019
1,2-Dibromoethane	ND		1.00	1	06/25/2025 02:49	WG2546019
Dibromomethane	ND		1.00	1	06/25/2025 02:49	WG2546019
1,2-Dichlorobenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
1,3-Dichlorobenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
1,4-Dichlorobenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
trans-1,4-Dichloro-2-butene	ND		2.50	1	06/25/2025 02:49	WG2546019
Dichlorodifluoromethane	ND		5.00	1	06/25/2025 02:49	WG2546019
1,1-Dichloroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
1,2-Dichloroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
1,1-Dichloroethene	ND		1.00	1	06/25/2025 02:49	WG2546019
cis-1,2-Dichloroethene	ND		1.00	1	06/25/2025 02:49	WG2546019
trans-1,2-Dichloroethene	ND		1.00	1	06/25/2025 02:49	WG2546019
1,2-Dichloropropane	ND		1.00	1	06/25/2025 02:49	WG2546019
cis-1,3-Dichloropropene	ND		1.00	1	06/25/2025 02:49	WG2546019
trans-1,3-Dichloropropene	ND		1.00	1	06/25/2025 02:49	WG2546019
Ethylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Hexachloro-1,3-butadiene	ND		1.00	1	06/25/2025 02:49	WG2546019
2-Hexanone	ND		10.0	1	06/25/2025 02:49	WG2546019
2-Butanone (MEK)	ND		10.0	1	06/25/2025 02:49	WG2546019
Iodomethane	ND	C3	10.0	1	06/25/2025 02:49	WG2546019
Methylene Chloride	ND		5.00	1	06/25/2025 02:49	WG2546019
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/25/2025 02:49	WG2546019
Naphthalene	ND		5.00	1	06/25/2025 02:49	WG2546019
n-Propylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Styrene	ND		1.00	1	06/25/2025 02:49	WG2546019
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
Tetrachloroethene	ND		1.00	1	06/25/2025 02:49	WG2546019
Toluene	ND		1.00	1	06/25/2025 02:49	WG2546019

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
1,1,1-Trichloroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
1,1,2-Trichloroethane	ND		1.00	1	06/25/2025 02:49	WG2546019
Trichloroethene	ND		1.00	1	06/25/2025 02:49	WG2546019
Trichlorofluoromethane	ND		5.00	1	06/25/2025 02:49	WG2546019
1,2,3-Trichloropropane	ND		2.50	1	06/25/2025 02:49	WG2546019
1,2,4-Trimethylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
1,3,5-Trimethylbenzene	ND		1.00	1	06/25/2025 02:49	WG2546019
Vinyl acetate	ND		10.0	1	06/25/2025 02:49	WG2546019
Vinyl chloride	ND		1.00	1	06/25/2025 02:49	WG2546019
Xylenes, Total	ND		3.00	1	06/25/2025 02:49	WG2546019
Di-isopropyl ether	22.1		1.00	1	06/25/2025 02:49	WG2546019
Ethanol	ND		100	1	06/25/2025 02:49	WG2546019
Ethyl tert-butyl ether	ND		1.00	1	06/25/2025 02:49	WG2546019
Methyl tert-butyl ether	7.82		1.00	1	06/25/2025 02:49	WG2546019
tert-Butyl alcohol	ND		5.00	1	06/25/2025 02:49	WG2546019
tert-Amyl Methyl Ether	1.07		1.00	1	06/25/2025 02:49	WG2546019
(S) Toluene-d8	*107*		*80.0-120*		*06/25/2025 02:49*	WG2546019
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*06/25/2025 02:49*	WG2546019
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/25/2025 02:49*	WG2546019

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		100	1	07/03/2025 00:18	WG2547429
(S) o-Terphenyl	*91.1*		*52.0-156*		*07/03/2025 00:18*	WG2547429

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/27/2025 02:24	WG2547860
(S) a,a,a-Trifluorotoluene(FID)	*99.6*		*78.0-120*		*06/27/2025 02:24*	WG2547860

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	06/25/2025 03:09	WG2546019
Acrylonitrile	ND		10.0	1	06/25/2025 03:09	WG2546019
Benzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Bromobenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Bromochloromethane	ND		1.00	1	06/25/2025 03:09	WG2546019
Bromodichloromethane	ND		1.00	1	06/25/2025 03:09	WG2546019
Bromoform	ND		1.00	1	06/25/2025 03:09	WG2546019
Bromomethane	ND		5.00	1	06/25/2025 03:09	WG2546019
n-Butylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
sec-Butylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
tert-Butylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Carbon tetrachloride	ND		1.00	1	06/25/2025 03:09	WG2546019
Carbon disulfide	ND		1.00	1	06/25/2025 03:09	WG2546019
Chlorobenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Chlorodibromomethane	ND		1.00	1	06/25/2025 03:09	WG2546019
Chloroethane	ND		5.00	1	06/25/2025 03:09	WG2546019
Chloroform	ND		5.00	1	06/25/2025 03:09	WG2546019
Chloromethane	ND		2.50	1	06/25/2025 03:09	WG2546019
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/25/2025 03:09	WG2546019
1,2-Dibromoethane	ND		1.00	1	06/25/2025 03:09	WG2546019
Dibromomethane	ND		1.00	1	06/25/2025 03:09	WG2546019
1,2-Dichlorobenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
1,3-Dichlorobenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
1,4-Dichlorobenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
trans-1,4-Dichloro-2-butene	ND		2.50	1	06/25/2025 03:09	WG2546019
Dichlorodifluoromethane	ND		5.00	1	06/25/2025 03:09	WG2546019
1,1-Dichloroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
1,2-Dichloroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
1,1-Dichloroethene	ND		1.00	1	06/25/2025 03:09	WG2546019
cis-1,2-Dichloroethene	ND		1.00	1	06/25/2025 03:09	WG2546019
trans-1,2-Dichloroethene	ND		1.00	1	06/25/2025 03:09	WG2546019
1,2-Dichloropropane	ND		1.00	1	06/25/2025 03:09	WG2546019
cis-1,3-Dichloropropene	ND		1.00	1	06/25/2025 03:09	WG2546019
trans-1,3-Dichloropropene	ND		1.00	1	06/25/2025 03:09	WG2546019
Ethylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Hexachloro-1,3-butadiene	ND		1.00	1	06/25/2025 03:09	WG2546019
2-Hexanone	ND		10.0	1	06/25/2025 03:09	WG2546019
2-Butanone (MEK)	ND		10.0	1	06/25/2025 03:09	WG2546019
Iodomethane	ND	C3	10.0	1	06/25/2025 03:09	WG2546019
Methylene Chloride	ND		5.00	1	06/25/2025 03:09	WG2546019
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/25/2025 03:09	WG2546019
Naphthalene	ND		5.00	1	06/25/2025 03:09	WG2546019
n-Propylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Styrene	ND		1.00	1	06/25/2025 03:09	WG2546019
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
Tetrachloroethene	ND		1.00	1	06/25/2025 03:09	WG2546019
Toluene	ND		1.00	1	06/25/2025 03:09	WG2546019

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
1,1,1-Trichloroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
1,1,2-Trichloroethane	ND		1.00	1	06/25/2025 03:09	WG2546019
Trichloroethene	ND		1.00	1	06/25/2025 03:09	WG2546019
Trichlorofluoromethane	ND		5.00	1	06/25/2025 03:09	WG2546019
1,2,3-Trichloropropane	ND		2.50	1	06/25/2025 03:09	WG2546019
1,2,4-Trimethylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
1,3,5-Trimethylbenzene	ND		1.00	1	06/25/2025 03:09	WG2546019
Vinyl acetate	ND		10.0	1	06/25/2025 03:09	WG2546019
Vinyl chloride	ND		1.00	1	06/25/2025 03:09	WG2546019
Xylenes, Total	ND		3.00	1	06/25/2025 03:09	WG2546019
Di-isopropyl ether	ND		1.00	1	06/25/2025 03:09	WG2546019
Ethanol	ND		100	1	06/25/2025 03:09	WG2546019
Ethyl tert-butyl ether	ND		1.00	1	06/25/2025 03:09	WG2546019
Methyl tert-butyl ether	ND		1.00	1	06/25/2025 03:09	WG2546019
tert-Butyl alcohol	ND		5.00	1	06/25/2025 03:09	WG2546019
tert-Amyl Methyl Ether	ND		1.00	1	06/25/2025 03:09	WG2546019
(S) Toluene-d8	*106*		*80.0-120*		*06/25/2025 03:09*	WG2546019
(S) 4-Bromofluorobenzene	*98.6*		*77.0-126*		*06/25/2025 03:09*	WG2546019
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/25/2025 03:09*	WG2546019

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		100	1	07/03/2025 00:38	WG2547429
(S) o-Terphenyl	*107*		*52.0-156*		*07/03/2025 00:38*	WG2547429

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/27/2025 02:44	WG2547860
(S) a,a,a-Trifluorotoluene(FID)	*98.4*		*78.0-120*		*06/27/2025 02:44*	WG2547860

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	06/25/2025 03:29	WG2546019
Acrylonitrile	ND		10.0	1	06/25/2025 03:29	WG2546019
Benzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Bromobenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Bromochloromethane	ND		1.00	1	06/25/2025 03:29	WG2546019
Bromodichloromethane	ND		1.00	1	06/25/2025 03:29	WG2546019
Bromoform	ND		1.00	1	06/25/2025 03:29	WG2546019
Bromomethane	ND		5.00	1	06/25/2025 03:29	WG2546019
n-Butylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
sec-Butylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
tert-Butylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Carbon tetrachloride	ND		1.00	1	06/25/2025 03:29	WG2546019
Carbon disulfide	ND		1.00	1	06/25/2025 03:29	WG2546019
Chlorobenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Chlorodibromomethane	ND		1.00	1	06/25/2025 03:29	WG2546019
Chloroethane	ND		5.00	1	06/25/2025 03:29	WG2546019
Chloroform	ND		5.00	1	06/25/2025 03:29	WG2546019
Chloromethane	ND		2.50	1	06/25/2025 03:29	WG2546019
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/25/2025 03:29	WG2546019
1,2-Dibromoethane	ND		1.00	1	06/25/2025 03:29	WG2546019
Dibromomethane	ND		1.00	1	06/25/2025 03:29	WG2546019
1,2-Dichlorobenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
1,3-Dichlorobenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
1,4-Dichlorobenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
trans-1,4-Dichloro-2-butene	ND		2.50	1	06/25/2025 03:29	WG2546019
Dichlorodifluoromethane	ND		5.00	1	06/25/2025 03:29	WG2546019
1,1-Dichloroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
1,2-Dichloroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
1,1-Dichloroethene	ND		1.00	1	06/25/2025 03:29	WG2546019
cis-1,2-Dichloroethene	ND		1.00	1	06/25/2025 03:29	WG2546019
trans-1,2-Dichloroethene	ND		1.00	1	06/25/2025 03:29	WG2546019
1,2-Dichloropropane	ND		1.00	1	06/25/2025 03:29	WG2546019
cis-1,3-Dichloropropene	ND		1.00	1	06/25/2025 03:29	WG2546019
trans-1,3-Dichloropropene	ND		1.00	1	06/25/2025 03:29	WG2546019
Ethylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Hexachloro-1,3-butadiene	ND		1.00	1	06/25/2025 03:29	WG2546019
2-Hexanone	ND		10.0	1	06/25/2025 03:29	WG2546019
2-Butanone (MEK)	ND		10.0	1	06/25/2025 03:29	WG2546019
Iodomethane	ND	C3	10.0	1	06/25/2025 03:29	WG2546019
Methylene Chloride	ND		5.00	1	06/25/2025 03:29	WG2546019
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/25/2025 03:29	WG2546019
Naphthalene	ND		5.00	1	06/25/2025 03:29	WG2546019
n-Propylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Styrene	ND		1.00	1	06/25/2025 03:29	WG2546019
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
Tetrachloroethene	ND		1.00	1	06/25/2025 03:29	WG2546019
Toluene	ND		1.00	1	06/25/2025 03:29	WG2546019

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
1,1,1-Trichloroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
1,1,2-Trichloroethane	ND		1.00	1	06/25/2025 03:29	WG2546019
Trichloroethene	ND		1.00	1	06/25/2025 03:29	WG2546019
Trichlorofluoromethane	ND		5.00	1	06/25/2025 03:29	WG2546019
1,2,3-Trichloropropane	ND		2.50	1	06/25/2025 03:29	WG2546019
1,2,4-Trimethylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
1,3,5-Trimethylbenzene	ND		1.00	1	06/25/2025 03:29	WG2546019
Vinyl acetate	ND		10.0	1	06/25/2025 03:29	WG2546019
Vinyl chloride	ND		1.00	1	06/25/2025 03:29	WG2546019
Xylenes, Total	ND		3.00	1	06/25/2025 03:29	WG2546019
Di-isopropyl ether	ND		1.00	1	06/25/2025 03:29	WG2546019
Ethanol	ND		100	1	06/25/2025 03:29	WG2546019
Ethyl tert-butyl ether	ND		1.00	1	06/25/2025 03:29	WG2546019
Methyl tert-butyl ether	ND		1.00	1	06/25/2025 03:29	WG2546019
tert-Butyl alcohol	ND		5.00	1	06/25/2025 03:29	WG2546019
tert-Amyl Methyl Ether	ND		1.00	1	06/25/2025 03:29	WG2546019
(S) Toluene-d8	*106*		*80.0-120*		*06/25/2025 03:29*	WG2546019
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*06/25/2025 03:29*	WG2546019
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*06/25/2025 03:29*	WG2546019

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	172		100	1	07/03/2025 00:58	WG2547429
(S) o-Terphenyl	*96.3*		*52.0-156*		*07/03/2025 00:58*	WG2547429

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	ND		100	1	06/27/2025 03:04	WG2547860
(S) a,a,a-Trifluorotoluene(FID)	*99.3*		*78.0-120*		*06/27/2025 03:04*	WG2547860

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	06/25/2025 03:49	WG2546019
Acrylonitrile	ND		10.0	1	06/25/2025 03:49	WG2546019
Benzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Bromobenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Bromochloromethane	ND		1.00	1	06/25/2025 03:49	WG2546019
Bromodichloromethane	ND		1.00	1	06/25/2025 03:49	WG2546019
Bromoform	ND		1.00	1	06/25/2025 03:49	WG2546019
Bromomethane	ND		5.00	1	06/25/2025 03:49	WG2546019
n-Butylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
sec-Butylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
tert-Butylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Carbon tetrachloride	ND		1.00	1	06/25/2025 03:49	WG2546019
Carbon disulfide	ND		1.00	1	06/25/2025 03:49	WG2546019
Chlorobenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Chlorodibromomethane	ND		1.00	1	06/25/2025 03:49	WG2546019
Chloroethane	ND		5.00	1	06/25/2025 03:49	WG2546019
Chloroform	ND		5.00	1	06/25/2025 03:49	WG2546019
Chloromethane	ND		2.50	1	06/25/2025 03:49	WG2546019
1,2-Dibromo-3-Chloropropane	ND		5.00	1	06/25/2025 03:49	WG2546019
1,2-Dibromoethane	ND		1.00	1	06/25/2025 03:49	WG2546019
Dibromomethane	ND		1.00	1	06/25/2025 03:49	WG2546019
1,2-Dichlorobenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
1,3-Dichlorobenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
1,4-Dichlorobenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
trans-1,4-Dichloro-2-butene	ND		2.50	1	06/25/2025 03:49	WG2546019
Dichlorodifluoromethane	ND		5.00	1	06/25/2025 03:49	WG2546019
1,1-Dichloroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
1,2-Dichloroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
1,1-Dichloroethene	ND		1.00	1	06/25/2025 03:49	WG2546019
cis-1,2-Dichloroethene	ND		1.00	1	06/25/2025 03:49	WG2546019
trans-1,2-Dichloroethene	ND		1.00	1	06/25/2025 03:49	WG2546019
1,2-Dichloropropane	ND		1.00	1	06/25/2025 03:49	WG2546019
cis-1,3-Dichloropropene	ND		1.00	1	06/25/2025 03:49	WG2546019
trans-1,3-Dichloropropene	ND		1.00	1	06/25/2025 03:49	WG2546019
Ethylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Hexachloro-1,3-butadiene	ND		1.00	1	06/25/2025 03:49	WG2546019
2-Hexanone	ND		10.0	1	06/25/2025 03:49	WG2546019
2-Butanone (MEK)	ND		10.0	1	06/25/2025 03:49	WG2546019
Iodomethane	ND	C3	10.0	1	06/25/2025 03:49	WG2546019
Methylene Chloride	ND		5.00	1	06/25/2025 03:49	WG2546019
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	06/25/2025 03:49	WG2546019
Naphthalene	ND		5.00	1	06/25/2025 03:49	WG2546019
n-Propylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Styrene	ND		1.00	1	06/25/2025 03:49	WG2546019
1,1,1,2-Tetrachloroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
1,1,2,2-Tetrachloroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
Tetrachloroethene	ND		1.00	1	06/25/2025 03:49	WG2546019
Toluene	ND		1.00	1	06/25/2025 03:49	WG2546019

Volatile Organic Compounds (GC/MS) by Method 524.2/8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
1,1,1-Trichloroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
1,1,2-Trichloroethane	ND		1.00	1	06/25/2025 03:49	WG2546019
Trichloroethene	ND		1.00	1	06/25/2025 03:49	WG2546019
Trichlorofluoromethane	ND		5.00	1	06/25/2025 03:49	WG2546019
1,2,3-Trichloropropane	ND		2.50	1	06/25/2025 03:49	WG2546019
1,2,4-Trimethylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
1,3,5-Trimethylbenzene	ND		1.00	1	06/25/2025 03:49	WG2546019
Vinyl acetate	ND		10.0	1	06/25/2025 03:49	WG2546019
Vinyl chloride	ND		1.00	1	06/25/2025 03:49	WG2546019
Xylenes, Total	ND		3.00	1	06/25/2025 03:49	WG2546019
Di-isopropyl ether	ND		1.00	1	06/25/2025 03:49	WG2546019
Ethanol	ND		100	1	06/25/2025 03:49	WG2546019
Ethyl tert-butyl ether	ND		1.00	1	06/25/2025 03:49	WG2546019
Methyl tert-butyl ether	ND		1.00	1	06/25/2025 03:49	WG2546019
tert-Butyl alcohol	ND		5.00	1	06/25/2025 03:49	WG2546019
tert-Amyl Methyl Ether	ND		1.00	1	06/25/2025 03:49	WG2546019
(S) Toluene-d8	*108*		*80.0-120*		*06/25/2025 03:49*	WG2546019
(S) 4-Bromofluorobenzene	*99.9*		*77.0-126*		*06/25/2025 03:49*	WG2546019
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*06/25/2025 03:49*	WG2546019

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		100	1	07/03/2025 01:18	WG2547429
(S) o-Terphenyl	*96.3*		*52.0-156*		*07/03/2025 01:18*	WG2547429

Method Blank (MB)

(MB) R4237555-3 06/27/25 00:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TPH (GC/FID) Low Fraction	U		59.4	100
(S) a,a,a-Trifluorotoluene(FID)	*98.8*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4237555-1 06/26/25 21:30 • (LCSD) R4237555-2 06/26/25 23:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5000	4260	4190	85.2	83.8	72.0-127			1.66	20
(S) a,a,a-Trifluorotoluene(FID)				*101*	*101*	*78.0-120*				

Method Blank (MB)

(MB) R4235355-2 06/23/25 11:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0490	0.500
Carbon tetrachloride	U		0.0660	0.500
1,4-Dichlorobenzene	U		0.0310	0.500
1,2-Dichloroethane	U		0.0498	0.500
1,1-Dichloroethene	U		0.0540	0.500
1,1,1-Trichloroethane	U		0.0490	0.500
Trichloroethene	U		0.0440	0.500
Vinyl chloride	U		0.0260	0.500
1,2,4-Trichlorobenzene	U		0.0530	0.500
cis-1,2-Dichloroethene	U		0.0640	0.500
Xylenes, Total	U		0.167	0.500
Methylene chloride	U		0.0608	0.500
1,2-Dichlorobenzene	U		0.0410	0.500
trans-1,2-Dichloroethene	U		0.100	0.500
1,2-Dichloropropane	U		0.0270	0.500
1,1,2-Trichloroethane	U		0.0701	0.500
Tetrachloroethene	U		0.0790	0.500
Chlorobenzene	U		0.0370	0.500
Toluene	U		0.412	1.00
Ethylbenzene	U		0.0440	0.500
Styrene	U		0.0360	0.500
Bromobenzene	U		0.0490	0.500
Bromodichloromethane	U		0.0810	0.500
Bromoform	U		0.0800	0.500
Bromomethane	U		0.0790	1.00
Chlorodibromomethane	U		0.0930	0.500
Chloroethane	U		0.190	0.500
Chloroform	U		0.0800	0.500
2-Chlorotoluene	U		0.0480	0.500
4-Chlorotoluene	U		0.0550	0.500
Dibromomethane	U		0.0700	0.500
Methyl tert-butyl ether	U		0.0530	0.500
1,3-Dichlorobenzene	U		0.0360	0.500
1,1-Dichloroethane	U		0.0240	0.500
1,3-Dichloropropane	U		0.0230	0.500
2,2-Dichloropropane	U		0.0680	0.500
1,1-Dichloropropene	U		0.0450	0.500
1,3-Dichloropropene	U		0.320	0.500
1,1,1,2-Tetrachloroethane	U		0.0700	0.500
1,1,2,2-Tetrachloroethane	U		0.0790	0.500

Method Blank (MB)

(MB) R4235355-2 06/23/25 11:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,3-Trichloropropane	U		0.0720	0.500
(S) 4-Bromofluorobenzene	*98.4*			*70.0-130*
(S) 1,2-Dichlorobenzene-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4235355-1 06/23/25 08:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.33	86.6	70.0-130	
Carbon tetrachloride	5.00	4.57	91.4	70.0-130	
1,4-Dichlorobenzene	5.00	4.66	93.2	70.0-130	
1,2-Dichloroethane	5.00	4.37	87.4	70.0-130	
1,1-Dichloroethene	5.00	4.91	98.2	70.0-130	
1,1,1-Trichloroethane	5.00	4.51	90.2	70.0-130	
Trichloroethene	5.00	4.40	88.0	70.0-130	
Vinyl chloride	5.00	5.40	108	70.0-130	
1,2,4-Trichlorobenzene	5.00	5.07	101	70.0-130	
cis-1,2-Dichloroethene	5.00	4.29	85.8	70.0-130	
Xylenes, Total	15.0	13.4	89.3	70.0-130	
Methylene chloride	5.00	4.59	91.8	70.0-130	
1,2-Dichlorobenzene	5.00	4.51	90.2	70.0-130	
trans-1,2-Dichloroethene	5.00	4.59	91.8	70.0-130	
1,2-Dichloropropane	5.00	4.52	90.4	70.0-130	
1,1,2-Trichloroethane	5.00	4.60	92.0	70.0-130	
Tetrachloroethene	5.00	4.64	92.8	70.0-130	
Chlorobenzene	5.00	4.45	89.0	70.0-130	
Toluene	5.00	4.35	87.0	70.0-130	
Ethylbenzene	5.00	4.42	88.4	70.0-130	
Styrene	5.00	4.51	90.2	70.0-130	
Bromobenzene	5.00	4.17	83.4	70.0-130	
Bromodichloromethane	5.00	4.63	92.6	70.0-130	
Bromoform	5.00	4.48	89.6	70.0-130	
Bromomethane	5.00	4.81	96.2	70.0-130	
Chlorodibromomethane	5.00	4.33	86.6	70.0-130	
Chloroethane	5.00	4.75	95.0	70.0-130	
Chloroform	5.00	4.42	88.4	70.0-130	
2-Chlorotoluene	5.00	4.50	90.0	70.0-130	
4-Chlorotoluene	5.00	4.52	90.4	70.0-130	

Laboratory Control Sample (LCS)

(LCS) R4235355-1 06/23/25 08:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dibromomethane	5.00	4.28	85.6	70.0-130	
Methyl tert-butyl ether	5.00	4.07	81.4	70.0-130	
1,3-Dichlorobenzene	5.00	4.44	88.8	70.0-130	
1,1-Dichloroethane	5.00	4.40	88.0	70.0-130	
1,3-Dichloropropane	5.00	4.50	90.0	70.0-130	
2,2-Dichloropropane	5.00	4.31	86.2	70.0-130	
1,1-Dichloropropene	5.00	4.60	92.0	70.0-130	
1,3-Dichloropropene	10.0	9.32	93.2	70.0-130	
1,1,1,2-Tetrachloroethane	5.00	4.17	83.4	70.0-130	
1,1,2,2-Tetrachloroethane	5.00	4.47	89.4	70.0-130	
1,2,3-Trichloropropane	5.00	4.35	87.0	70.0-130	
(S) 4-Bromofluorobenzene			*111*	*70.0-130*	
(S) 1,2-Dichlorobenzene-d4			*99.2*	*70.0-130*	

Method Blank (MB)

(MB) R4235998-2 06/25/25 07:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloromethane	U		0.0290	0.500
(S) 4-Bromofluorobenzene	*100*			*70.0-130*
(S) 1,2-Dichlorobenzene-d4	*96.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4235998-1 06/25/25 07:02

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloromethane	5.00	5.18	104	70.0-130	
(S) 4-Bromofluorobenzene			*106*	*70.0-130*	
(S) 1,2-Dichlorobenzene-d4			*112*	*70.0-130*	

Method Blank (MB)

(MB) R4236170-3 06/24/25 22:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromochloromethane	U		0.128	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon tetrachloride	U		0.128	1.00
Carbon disulfide	U		0.0962	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	10.0
2-Butanone (MEK)	U		1.19	10.0
Iodomethane	U		6.00	10.0
Methylene Chloride	U		0.430	5.00

Method Blank (MB)

(MB) R4236170-3 06/24/25 22:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
Di-isopropyl ether	U		0.105	1.00
Ethanol	U		42.0	100
Ethyl tert-butyl ether	U		0.101	1.00
Methyl tert-butyl ether	U		0.101	1.00
tert-Butyl alcohol	U		4.06	5.00
tert-Amyl Methyl Ether	U		0.195	1.00
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4236170-1 06/24/25 21:00 • (LCSD) R4236170-2 06/24/25 21:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	22.3	26.5	89.2	106	19.0-160			17.2	27
Acrylonitrile	25.0	28.2	28.0	113	112	55.0-149			0.712	20
Benzene	5.00	4.44	4.62	88.8	92.4	70.0-123			3.97	20
Bromobenzene	5.00	4.55	4.56	91.0	91.2	73.0-121			0.220	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4236170-1 06/24/25 21:00 • (LCSD) R4236170-2 06/24/25 21:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromochloromethane	5.00	5.31	5.44	106	109	76.0-122			2.42	20
Bromodichloromethane	5.00	4.54	4.68	90.8	93.6	75.0-120			3.04	20
Bromoform	5.00	5.14	4.81	103	96.2	68.0-132			6.63	20
Bromomethane	5.00	4.44	4.70	88.8	94.0	10.0-160			5.69	25
n-Butylbenzene	5.00	4.12	4.26	82.4	85.2	73.0-125			3.34	20
sec-Butylbenzene	5.00	4.47	4.54	89.4	90.8	75.0-125			1.55	20
tert-Butylbenzene	5.00	4.66	4.69	93.2	93.8	76.0-124			0.642	20
Carbon tetrachloride	5.00	5.02	5.22	100	104	68.0-126			3.91	20
Carbon disulfide	5.00	4.48	4.54	89.6	90.8	61.0-128			1.33	20
Chlorobenzene	5.00	5.08	5.21	102	104	80.0-121			2.53	20
Chlorodibromomethane	5.00	5.32	5.23	106	105	77.0-125			1.71	20
Chloroethane	5.00	5.32	5.50	106	110	47.0-150			3.33	20
Chloroform	5.00	4.61	4.84	92.2	96.8	73.0-120			4.87	20
Chloromethane	5.00	4.48	4.49	89.6	89.8	41.0-142			0.223	20
1,2-Dibromo-3-Chloropropane	5.00	5.56	5.26	111	105	58.0-134			5.55	20
1,2-Dibromoethane	5.00	5.35	5.30	107	106	80.0-122			0.939	20
Dibromomethane	5.00	5.17	4.96	103	99.2	80.0-120			4.15	20
1,2-Dichlorobenzene	5.00	4.88	4.85	97.6	97.0	79.0-121			0.617	20
1,3-Dichlorobenzene	5.00	4.77	4.82	95.4	96.4	79.0-120			1.04	20
1,4-Dichlorobenzene	5.00	4.87	4.91	97.4	98.2	79.0-120			0.818	20
trans-1,4-Dichloro-2-butene	5.00	5.65	5.76	113	115	33.0-144			1.93	20
Dichlorodifluoromethane	5.00	4.72	5.02	94.4	100	51.0-149			6.16	20
1,1-Dichloroethane	5.00	5.07	5.26	101	105	70.0-126			3.68	20
1,2-Dichloroethane	5.00	5.13	5.31	103	106	70.0-128			3.45	20
1,1-Dichloroethene	5.00	4.75	4.83	95.0	96.6	71.0-124			1.67	20
cis-1,2-Dichloroethene	5.00	4.87	5.06	97.4	101	73.0-120			3.83	20
trans-1,2-Dichloroethene	5.00	4.75	4.88	95.0	97.6	73.0-120			2.70	20
1,2-Dichloropropane	5.00	5.49	5.52	110	110	77.0-125			0.545	20
cis-1,3-Dichloropropene	5.00	4.28	4.34	85.6	86.8	80.0-123			1.39	20
trans-1,3-Dichloropropene	5.00	4.67	4.65	93.4	93.0	78.0-124			0.429	20
Ethylbenzene	5.00	5.10	5.10	102	102	79.0-123			0.000	20
Hexachloro-1,3-butadiene	5.00	4.18	4.14	83.6	82.8	54.0-138			0.962	20
2-Hexanone	25.0	28.9	29.9	116	120	67.0-149			3.40	20
2-Butanone (MEK)	25.0	24.1	27.5	96.4	110	44.0-160			13.2	20
Iodomethane	25.0	19.1	22.0	76.4	88.0	33.0-147			14.1	26
Methylene Chloride	5.00	4.79	4.94	95.8	98.8	67.0-120			3.08	20
4-Methyl-2-pentanone (MIBK)	25.0	31.4	31.2	126	125	68.0-142			0.639	20
Naphthalene	5.00	5.21	5.37	104	107	54.0-135			3.02	20
n-Propylbenzene	5.00	4.39	4.47	87.8	89.4	77.0-124			1.81	20
Styrene	5.00	4.93	4.94	98.6	98.8	73.0-130			0.203	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4236170-1 06/24/25 21:00 • (LCSD) R4236170-2 06/24/25 21:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	5.14	5.32	103	106	75.0-125			3.44	20
1,1,2,2-Tetrachloroethane	5.00	5.01	4.89	100	97.8	65.0-130			2.42	20
1,1,2-Trichlorotrifluoroethane	5.00	4.64	4.97	92.8	99.4	69.0-132			6.87	20
Tetrachloroethene	5.00	5.30	5.30	106	106	72.0-132			0.000	20
Toluene	5.00	4.94	5.08	98.8	102	79.0-120			2.79	20
1,2,4-Trichlorobenzene	5.00	4.46	4.45	89.2	89.0	57.0-137			0.224	20
1,1,1-Trichloroethane	5.00	4.81	4.90	96.2	98.0	73.0-124			1.85	20
1,1,2-Trichloroethane	5.00	5.35	5.20	107	104	80.0-120			2.84	20
Trichloroethene	5.00	5.23	5.28	105	106	78.0-124			0.951	20
Trichlorofluoromethane	5.00	5.15	5.26	103	105	59.0-147			2.11	20
1,2,3-Trichloropropane	5.00	5.57	5.86	111	117	73.0-130			5.07	20
1,2,4-Trimethylbenzene	5.00	4.26	4.42	85.2	88.4	76.0-121			3.69	20
1,3,5-Trimethylbenzene	5.00	4.39	4.50	87.8	90.0	76.0-122			2.47	20
Vinyl acetate	25.0	24.0	23.1	96.0	92.4	11.0-160			3.82	20
Vinyl chloride	5.00	5.47	5.67	109	113	67.0-131			3.59	20
Xylenes, Total	15.0	14.8	15.0	98.7	100	79.0-123			1.34	20
Di-isopropyl ether	5.00	5.09	5.21	102	104	58.0-138			2.33	20
Ethanol	250	382	313	153	125	10.0-160			19.9	30
Ethyl tert-butyl ether	5.00	5.38	5.27	108	105	63.0-138			2.07	20
Methyl tert-butyl ether	5.00	4.61	4.62	92.2	92.4	68.0-125			0.217	20
tert-Butyl alcohol	25.0	29.7	28.7	119	115	27.0-160			3.42	30
tert-Amyl Methyl Ether	5.00	4.56	4.52	91.2	90.4	66.0-125			0.881	20
(S) Toluene-d8				*105*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*102*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R4239727-1 07/02/25 15:56

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
TPH (GC/FID) High Fraction	U		60.5	100
(S) o-Terphenyl	*61.5*			*52.0-156*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4239727-2 07/02/25 16:16 • (LCSD) R4239727-3 07/02/25 16:37

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
TPH (GC/FID) High Fraction	1500	1590	1590	106	106	50.0-150			0.000	20
(S) o-Terphenyl				*0.000*	*69.0*	*52.0-156*	J2			

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

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Chain of Custody

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1872012
Tab G161
Acctnum: SUNENVTRAC
Template: T274748
Prelogin: P1155867
PM: 3564 - Chad A Upchurch
PB: 5-30-25 6m
Shipped Via: FedEX Ground

Company Name/Address:
EnviroTrac Ltd. - Sunoco
155 Riverbend Drive Suite A
Charlottesville, VA 22911

Billing Information:
Eric Shertzer
155 Riverbend Drive Suite A
Charlottesville, VA 22911

Report to:
Eric Shertzer 434-202-7808

Email To: **erics@envirotrac.com**

Project Description:
Quarterly Sampling

City/State Collected:

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #
SUN3998

Lab Project #
SUNENVTRAC-SUN3998

Collected by (print):
D. Shertzer

Site/Facility ID #
Sunoco Frederick

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DROLVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	V524GW 40mlAmb-AscAcid+HCl	V8260OXY 40mlAmb-HCl	Remarks	Sample # (lab only)
PW-1	Grab	GW		6/19/25	1400	3			X			-01
PW-1		GW			1400	3				X		-02
MW-2		GW			1230	7	X	X		X		-03
MW-5		GW			1200	7	X	X		X		-04
MW-9		GW			1330	7	X	X		X		-05
MW-14		GW			1300	7	X	X		X		-06

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4558 6308 1062

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	6/19/25	1700	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 19.7 °C Bottles Received: 39

Date: 6/20/25 Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK