VIA ELECTRONIC MAIL

February 25, 2026

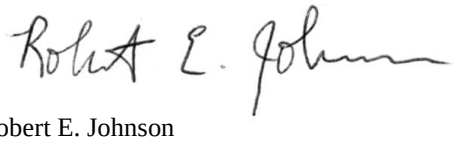
Tate Stevens
Geologist
Land and Materials Administration
Maryland Department of the Environment
1800 Washington Blvd., Suite 625
Baltimore, Maryland 21230

Subject: Quarterly Status Report No. 37 - Offsite Area
Former Kop-Flex Facility Site, Hanover, Maryland

Dear Tate:

On behalf of EMERSUB 16 LLC, a subsidiary of Emerson Electric Co. (Emerson), WSP USA Inc. (WSP) is submitting this quarterly status report describing the response action activities conducted in the Fourth Quarter of 2025 in the off-property portion of the Former Kop-Flex Inc. Site in Hanover, Maryland (Site). If you have any questions, please do not hesitate to contact me at 703-709-6500.

Kind regards,



Robert E. Johnson
Vice President – Earth & Environment

Encl.

cc: Mr. Brian Deitz, Site Assessment and Remediation Division, MDE
Ms. Deborah Goldblum, U.S. Environmental Protection Agency (EPA), Region III
Ms. Lisa Douglas, Emerson Electric Co.
Reza Zarghamee, Esquire, Pillsbury Winthrop Shaw Pittman

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WSP USA
Suite 300
13530 Dulles Technology Drive
Herndon, VA 20171

Tel.: +1 703 709-6500
Fax: +1 703 709-8505
wsp.com

QUARTERLY STATUS REPORT NO. 35 – OFFSITE AREA

FORMER KOP-FLEX FACILITY SITE

October 2025 through December 2025

Site Name:	Former Kop-Flex Inc.
Site Address:	7555 Harmans Road Hanover, Maryland 21076
Consultant:	WSP USA Inc.
Address:	13530 Dulles Technology Drive, Suite 300 Herndon, Virginia 20171
Phone No.:	(703) 709-6500
Project Coordinator:	Eric Johnson, WSP USA
Alternate:	Lisa Kelly**,** WSP USA

1.0 OFFSITE ACTIVITIES CONDUCTED DURING OCTOBER 2025 – DECEMBER 2025 REPORTING PERIOD

SEMI-ANNUAL GROUNDWATER MONITORING ACTIVITIES

- All offsite monitoring wells screened in the Lower Patapsco aquifer and underlying Patuxent aquifer were sampled on November 17, 2026, except monitoring well MW-24D, which was sampled on December 19, 2026, because construction activities made the well temporarily inaccessible during the November site visit.
- All groundwater samples were collected using a disposable no-purge sampling device (HydraSleeve™) previously deployed in each well. For most of the wells, the top of the HydraSleeve™ samplers were suspended at the midpoint of the screen such that retrieval would collect water from the overlying interval equal to the sampler length, which is 3.2 feet (Table 1). Longer HydraSleeve™ samplers were set in the paired MW-25D wells to provide a sufficient volume of water to allow for the collection of field quality control (QC) samples (field duplicate and matrix spike, matrix spike duplicate [MS/MSD]). Given their greater length, the top of these samplers was placed at a depth slightly below the screen mid-point to ensure the collection of water from within the screened interval. A blind field duplicate sample was collected from MW-25D-130, and an MS/MSD sample was collected from well MW-25D-190 during the sampling event.
- Groundwater samples were obtained by carefully removing the HydraSleeve™ sampler from the well and decanting a representative portion of the collected water into the laboratory-supplied containers. A separate aliquot of sample was then poured into the sampling cup of a hand-held, multi-parameter water quality meter to measure temperature, pH, specific conductance, and turbidity in the field. The results of the field parameter measurements for each groundwater sample are provided in Table 2. These hydrogeochemical parameters could not be measured for the samples from wells MW-25D-130 and MW-25D-190 because the volume necessary to collect the field QC samples at these two locations did not leave sufficient water for measurement of these field parameters. Additionally, MW-24D could not be sampled during the initial site visit because construction activities made the well temporarily inaccessible.

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EVALUATION OF THE GROUNDWATER LEVEL DATA

– As part of the sampling activities, WSP measured the depth to water in all offsite monitoring wells on November 17, 2025, with the exception of well MW-46D on the Verizon property, which was gauged during onsite sampling activities one day prior, and MW-24D, which could not be accessed.[1] Depth-to-water measurements obtained during the November offsite field activities, along with previous monitoring events, are provided in Table 3. Several onsite monitoring wells screened in the deep zone of the Lower Patapsco aquifer (i.e., MW-1D MW-16D, MW-21D, MW-22D, MW-23D, MW-27D, MW-40D, MW-41D) were also gauged on November 16, 2025, and are included in the dataset for the purpose of generating groundwater contours. These elevations are reported in Figure 1 but are not included in Table 3. A potentiometric surface contour map for the deep zone of the Lower Patapsco aquifer is shown in Figure 1 using the water level data obtained during the November 2025, sampling activities (both onsite and offsite). The head distribution indicates the hydraulic influence from pumping from the deep onsite recovery wells extends southward onto the adjacent William Scotsman property. However, the extent of lowering groundwater levels with pumping from these wells appears less pronounced compared to previous events, largely because data from the downgradient well MW-24D was not collected in November. We anticipate that the contour map from the next monitoring event in May, when MW-24D will be gauged again, will provide a more representative indication of the hydraulic influence from pumping of the deep recovery wells.

— As indicated by the gradient in the potentiometric surface, the groundwater flow direction in the deep zone of the Lower Patapsco aquifer differs from the direction of flow in the shallow zone of this aquifer, which is generally to the north and west toward Stony Run onsite and in the Harmans Woods subdivision immediately south of MD Route 100. South of Maryland Route 100, the general direction of groundwater flow in the deep zone of the Lower Patapsco aquifer is to the south-southeast and southeast, which is consistent with determinations from previously generated contour maps. Low permeability, clayey confining zones, or aquitards, together with local hydrologic conditions prevent the movement of groundwater and associated dissolved constituents from the deep zone of the Lower Patapsco aquifer to the shallow zone in the offsite area. As discussed below, the Arundel Clay aquitard would significantly limit the movement of groundwater and constituents from the deep zone of the Lower Patapsco aquifer to the underlying Patuxent Aquifer.

GROUNDWATER SAMPLING RESULTS

— The analytical results for samples collected from the offsite monitoring wells in November and December 2025 are summarized in Table 4. Copies of the certified laboratory analytical reports for these samples are provided in Enclosure A (November 2025) and Enclosure B (December 2025). Historical groundwater sampling data for the offsite monitoring wells can be found in Enclosure C. Concentrations of the primary site-related constituents of concern (COCs) in the November and December 2025 samples are shown on Figure 2.

— No site-related COCs were detected in the sample from shallow zone well MW-45 on the Williams Scotsman property (Table 4). Thus, the following discussion concerns the results for samples from the deep zone of the Lower Patapsco aquifer and underlying Patuxent aquifer.

DEEP ZONE OF LOWER PATAPSCO AQUIFER NORTH OF THE SITE

Site-related COCs were detected in the sample from well MW-46D, which is screened in the upper-most portion of the deep zone of the Lower Patapsco aquifer on the neighboring Verizon property to the north of the Site. The total COC concentration in the MW-46D sample (90.3 micrograms per liter [µg/l]) is three times greater than the concentration observed in the June 2025 sample (29.2 µg/l; Enclosure B – Table B-1). Concentrations of 1,1-DCA (13.9 µg/l), 1,1-DCE (46.2 µg/l),

[1] The water level at MW-24D was measured on December 19, 2025, as reported in Table 3, but it was not incorporated into the potentiometric surface contours.

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and 1,4-dioxane (28.2 µg/l) increased in the December 2025 sample from this well, and all exceeded their respective groundwater quality criteria (Table 4).[2] Although there are increases compared to the previous results, the latest concentrations of COCs detected – particularly 1,1-DCE and 1,4-dioxane – still fall within a generally decreasing concentration trend at this well location which started around the 2021-2022 timeframe, when the concentrations of these contaminants were around 100 µg/l.

DEEP ZONE OF LOWER PATAPSCO AQUIFER SOUTH OF THE SITE

- The analytical data indicates the presence of site-related COCs just over one mile hydraulically downgradient (south-southeast) of the Site, limited to the deep zone of the Lower Patapsco aquifer. In the offsite area to the immediate south of the Site, the sample from monitoring well MW-24D on the adjoining Williams-Scotsman property had the highest concentration of site-related COCs (841.2 µg/l) in the deep zone of the Lower Patapsco aquifer. This total COC concentration is lower than the total detected in June 2025 (1,118 µg/l). The change in total COCs does not appear to be indicative of a long-term trend and is similar to the fluctuations seen throughout the recent sampling history of the well.

- Further downgradient, a total concentration of site-related COCs of 112.1 µg/l was detected in the primary MW-25D-130 sample, which is slightly less than the level from the June 2025 event (125.6 µg/l). The concentration of 1,1-DCE (66.6 µg/l), the primary VOC detected at this well, decreased and the concentration of 1,4-dioxane (32.8 µg/l) increased slightly between the two sampling periods. However, the duplicate sample collected from this location had higher concentrations of 1,1-DCA (8.2 µg/l versus 5.7 µg/l in the primary sample) and 1,1-DCE (102 µg/l), and a lower concentration of 1,4-dioxane. Taken together, the duplicate results would indicate that total COC concentrations increased since June 2025. Minor increases and decreases in contaminant concentrations have occurred at offsite well locations during their monitoring history. Although it is difficult to determine the exact cause for these slight changes, it is most likely due to minor transient variations in the movement of constituents within the aquifer and therefore does not warrant any further action.

  At the paired well MW-25D-192, the total site-related COC concentration of 42.7 µg/l was lower than that observed in the shallower well at this location (MW-25D-130) and slightly higher than the June 2025 sample result (see Enclosure C). The concentration of 1,4-dioxane accounts for this change, increasing from 6.8 µg/l in June 2025 to 11.2 µg/l in December 2025. Since the inception of the offsite monitoring program, the concentrations of 1,1-DCE and 1,4-dioxane in this well have decreased by 33 µg/l and 42 µg/l, respectively, from 2015 to 2025, and the 1,1-DCE concentrations during the past two years are the lowest detected at this location since sampling began in 2018. Even with the long-term decreasing trends, the concentrations of 1,1-DCE, 1,1-DCA, and 1,4-dioxane remain above their respective comparative groundwater quality criteria.

- Most of the sampling data for the deep zone monitoring wells located further downgradient indicated non-detect to low concentrations of site related COCs (Figure 2 and Table 4). Notable concentrations were detected in the sample from well MW-30D-273, which is located along the presumed centerline of the COC plume within the deep zone of the Lower Patapsco aquifer. The concentration of 1,1-DCE (61.2 µg/l) in the groundwater sample collected from this well decreased by 20 percent between June 2025 and November 2025 (Enclosure C). Despite this decline, this concentration is the second highest detected at this location since sampling began in 2018. The concentration of 1,4-dioxane (20.1 µg/l) increased by 21 percent relative to the June 2025 sample with concentrations of this compound gradually increasing from 2022 to 2025. This concentration change reflects the inherent temporal fluctuations that are common in groundwater quality samples collected from monitoring wells. The detected concentration change does not necessitate any further action.

[2] All cleanup standards, except for 1,4-dioxane, are equal to the Maryland Generic Numeric Cleanup Standards for Groundwater, Type I and II Aquifers, from the State of Maryland Interim Final Guidance (October 2018). The comparative criterion for 1,4-dioxane is the Maryland Department of the Environment Risk-Based action level of 4.6 µg/l.

- The most downgradient well with detectable concentrations of COCs (MW-33D-295) contained 1,1-DCE at 10.7 µg/l which is above the comparative criterion of 7 µg/l (Table 4). This sample also had a detection (5.0 µg/l) of 1,4-dioxane which is slightly above the evaluation criterion. This is the first exceedance for this compound at this well location since 2021. Overall, concentrations of 1,1-DCE in this well have been slowly increasing from 2022 to 2025, although the levels detected in the 2025 samples are similar (see Enclosure C). The 1,4-dioxane concentrations appear to be stable during this same 4-year period. As with wells MW-25D-130 and MW-30D-273, the COC increases at this well are likely normal variations in concentration that do not warrant any further action.
- Groundwater samples from the remaining wells screened in the deep aquifer zone are used to delineate the width and downgradient extent of the COC plume in the offsite area. Along the western boundary of the plume, the concentration of 1,1-DCE (9.3 µg/l) slightly exceeded the comparative criterion in the sample collected from MW-28D (Table 4). The sample from this well also contained 4.2 µg/l of 1,4-dioxane, which was just below the numerical action level. Concentrations of these two compounds have been relatively stable for the past 2 to 2.5 years at this well. In the area along the eastern plume boundary, the sample from well MW-29D, which is located east of the MW-25D well pair, had no detections of COCs. No site-related COCs were detected in the samples from wells around the leading edge of the deep zone plume (MW-31D, MW-34D, and MW-35D) (Table 4, Figure 2).

PATUXENT AQUIFER

Monitoring well MW-36D and the deeper well at the MW-30D location (MW-30D-413) are screened in the Patuxent aquifer, which underlies the Lower Patapsco aquifer. Site-related COCs are not anticipated to be present in the Patuxent aquifer due to the presence of a thick, clayey unit (Arundel Clay) overlying this aquifer that serves as an aquitard or geologic unit comprised of low permeability materials that significantly restricts the flow of groundwater and transport of dissolved solutes. Consistent with previous monitoring events, no site-related COCs were detected in the samples from these wells, indicating constituents have not migrated downward through the Arundel Clay confining unit that separates the Lower Patapsco and Patuxent aquifers.

2.0 OFFSITE ACTIVITIES FOR THE NEXT REPORTING PERIOD (JANUARY 2026 THROUGH MARCH 2026)

No field activities are planned for the first quarter of the 2026 reporting period. Pursuant to the approved Offsite Groundwater Monitoring Plan (dated September 15, 2015), groundwater monitoring is currently conducted on a semi-annual schedule. Therefore, the next groundwater monitoring event for the offsite well network will be performed during the Spring of 2026.

3.0 KEY PERSONNEL/FACILITY CHANGES

There were no changes to either key project personnel or conditions relevant to the performance of the ongoing work in the offsite area.

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TABLES

Table 1

Hydrasleeve Deployment Depths and Sample Intervals - Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland (a)

Well ID	Well Depth (ft bgs)	Top of Screen (ft bgs)	Deployment Depth (ft bgs)	Sample Interval (ft bgs)
Shallow LPA Zone				
MW-45	38	28	33	29.8 - 33.0
Deep LPA Zone				
MW-24D	128.5	119	123.5	120.3 - 123.5
MW-25D-130	130	120	126.5	122.1-126.5
MW-25D-190	190	180	188.2	183.2 - 188.2
MW-28D	210	200	205	201.8 - 205.0
MW-29D	151	141	146	142.8 - 146.0
MW-30D-273	273	263	268	264.8 - 268.0
MW-31D	280	270	275	271.8 - 275.0
MW-32D	236	226	231	227.8 - 231.0
MW-33D-235	235	225	230	226.8 - 230.0
MW-33D-295	295	285	290	286.8 - 290.0
MW-34D	385	375	380	376.8 - 380.0
MW-35D	298	288	293	289.8 - 293.0
MW-46D	90	80	85	81.8 - 85.0
Patuxent Aquifer				
MW-30D-413	413	403	408	404.8 - 408
MW-36D	360	350	355	351.8 - 355.0

a/ ft bgs = feet below ground surface; LPA = Lower Patapsco Aquifer

Table 2

Field Hydrogeochemical Measurements
Offsite Monitoring Well Sampling - November and December 2025
Former Kop-Flex Facility Site
Hanover, MD (a)

Well ID	Temperature (°C)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)
Shallow LPA Zone				
MW-45	13.79	4.19	0.63	295.0
Deep LPA Zone				
MW-24D	14.88	4.57	0.176	28.1
MW-25-130	Not Measured - Insufficient Sample Volume			
MW-25-190	Not Measured - Insufficient Sample Volume			
MW-28D	12.38	5.47	0.117	307
MW-29D	12.9	6.6	0.551	707
MW-30D-273	12.22	4.42	0.047	45.4
MW-31D	13.17	5.28	0.137	22
MW-32D	12.48	6.78	0.579	118
MW-33D-235	12.02	4.23	0.038	134
MW-33D-295	12.3	4.65	0.064	81.4
MW-34D	14.25	5.7	0.842	270
MW-35D	15.25	4.66	0.452	320
Patuxent Aquifer				
MW-30D-413	12.33	4.11	0.044	7.7
MW-36D	13.26	4.34	0.039	22

a/ °C = degrees Celsius; SU = standard units; mS/cm = milliSiemens/centimeter; ORP = oxidation-reduction potential; mV = millivolts; NTU = nephelometric turbidity units; LPA = Lower Patapsco Aquifer.

Table 3

Historical Groundwater Elevations (2015 through 2025)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Aquifer/Zone	TOC Elevation	3/17/2015		6/15/2015		9/21/2015		1/4/2016		3/21/2016	
			Depth to Water	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*
MW-25S *	Shallow LPA	130.60	12.84	117.76	12.46	118.14	14.33	116.27	13.48	117.12	12.75	117.85
MW-28S *	Shallow LPA	150.50	25.56	124.94	25.24	125.26	25.88	124.62	25.35	125.15	25.34	125.16
MW-45	Shallow LPA	126.72	NM	-	NM	-	NM	-	NM	-	NM	-
MW-24D	Deep LPA	129.10	50.9	78.20	49.29	79.81	NM	-	NM	-	44.38	84.72
MW-25D-130	Deep LPA	130.50	58.7	71.80	57.59	72.91	58.26	72.24	53.95	76.55	51.01	79.49
MW-25D-192	Deep LPA	130.50	59.99	70.51	56.4	74.10	57.23	73.27	53.05	77.45	50.27	80.23
MW-28D	Deep LPA	150.50	93.06	57.44	89.36	61.14	90.34	60.16	84.62	65.88	80.72	69.78
MW-29D	Deep LPA	131.92	NM	-	NM	-	NM	-	NM	-	NM	-
MW-30D-273	Deep LPA	153.54	NM	-	NM	-	NM	-	NM	-	NM	-
MW-31D	Deep LPA	162.50	114.02	48.48	108.58	53.92	109.51	52.99	102.44	60.06	98.41	64.09
MW-32D	Deep LPA	156.14	NM	-	NM	-	NM	-	NM	-	NM	-
MW-33D-235	Deep LPA	178.60	131.83	46.77	125.66	52.94	127.11	51.49	119.14	59.46	115.25	63.35
MW-33D-295	Deep LPA	178.30	131.52	46.78	125.42	52.88	126.91	51.39	118.90	59.40	114.96	63.34
MW-34D	Deep LPA	183.91	NM	-	NM	-	NM	-	NM	-	NM	-
MW-35D	Deep LPA	177.80	132.01	45.79	126.28	51.52	127.89	49.91	118.96	58.84	114.34	63.46
MW-46D	Deep LPA	124.77	NM	-	NM	-	NM	-	NM	-	NM	-
MW-30D-413	Patuxent	153.13	NM	-	NM	-	NM	-	NM	-	NM	-
MW-36D	Patuxent	158.71	NM	-	NM	-	NM	-	NM	-	NM	-

Notes:
LPA = Lower Patapsco Aquifer
NM = Not Measured
TOC = Top of Casing
* Well abandoned in August 2019
a/ The field measurement was deemed inaccurate due to an error with the water level indicator

Table 3

Historical Groundwater Elevations (2015 through 2025)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Aquifer/Zone	TOC Elevation	12/7/2016		5/1/2017		8/31/2017		11/14/2017		2/13/2018		5/31/2018	
			Depth to Water	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*
MW-25S *	Shallow LPA	130.60	14.61	115.99	14.02	116.58	14.09	116.51	14.6	116.00	14.56	116.04	13.10	117.50
MW-28S *	Shallow LPA	150.50	26.8	123.70	27.4	123.10	27.2	123.30	27.22	123.28	27.48	123.02	27.42	123.08
MW-45	Shallow LPA	126.72	NM	-	13.67	113.05	NM	-	NM	-	NM	-	12.98	113.74
MW-24D	Deep LPA	129.10	46.3	82.80	48.35	80.75	48.35	80.75	51.99	77.11	NM		50.94	78.16
MW-25D-130	Deep LPA	130.50	50.27	80.23	53.80	76.70	61.38	69.12	58.46	72.04	58.31	72.19	58.23	72.27
MW-25D-192	Deep LPA	130.50	52.4	78.10	53.11	77.39	60.36	70.14	58.71	71.79	57.49	73.01	57.40	73.10
MW-28D	Deep LPA	150.50	83.35	67.15	82.72	67.78	94.55	55.95	89.03	61.47	67.37	83.13	88.75	61.75
MW-29D	Deep LPA	131.92	NM	-	NM	-	NM	-	NM	-	NM	-	64.94	66.98
MW-30D-273	Deep LPA	153.54	NM	-	NM	-	NM	-	NM	-	NM	-	98.66	54.88
MW-31D	Deep LPA	162.50	114.20	48.30	100.24	62.26	115.67	46.83	107.21	55.29	106.29	56.21	106.80	55.70
MW-32D	Deep LPA	156.14	NM	-	NM	-	NM	-	NM	-	NM	-	97.90	58.24
MW-33D-235	Deep LPA	178.60	114.2	64.40	117.26	61.34	133.39	45.21	124.55	54.05	123.79	54.81	124.00	54.60
MW-33D-295	Deep LPA	178.30	131.50	46.80	117.03	61.27	133.14	45.16	124.36	53.94	123.60	54.70	123.83	54.47
MW-34D	Deep LPA	183.91	NM	-	NM	-	NM	-	NM	-	NM	-	132.70	51.21
MW-35D	Deep LPA	177.80	131.91	45.89	117.28	60.52	133.55	44.25	125.59	52.21	124.02	53.78	124.27	53.53
MW-46D	Deep LPA	124.77	NM	-	NM	-	NM	-	NM	-	NM	-	NM	-
MW-30D-413	Patuxent	153.13	NM	-	NM	-	NM	-	NM	-	NM	-	138.10	15.03
MW-36D	Patuxent	158.71	NM	-	NM	-	NM	-	NM	-	NM	-	141.75	16.96

Notes:
LPA = Lower Patapsco Aquifer
NM = Not Measured
TOC = Top of Casing
* Well abandoned in August 2019
a/ The field measurement was deemed inaccurate due to an error with the water level indicator

Table 3

Historical Groundwater Elevations (2015 through 2025)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Aquifer/Zone	TOC Elevation	8/23/2018		11/8/2018		2/19/2019		5/22/2019		8/6/2019		11/20/2019	
			Depth to Water	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*
MW-25S *	Shallow LPA	130.60	NM	-	11.84	118.76	11.75	118.85	NM	-	NM	-	NM	-
MW-28S *	Shallow LPA	150.50	NM	-	24.33	126.17	23.30	127.20	NM	-	NM	-	NM	-
MW-45	Shallow LPA	126.72	NM	-	NM	-	11.98	114.74	11.75	114.97	NM	-	14.55	112.17
MW-24D	Deep LPA	129.10	NM	-	NM	-	48.92	80.18	49.67	79.43	52.37	76.73	51.12	77.98
MW-25D-130	Deep LPA	130.50	59.53	70.97	58.75	71.75	54.96	75.54	56.23	74.27	60.79	69.71	59.94	70.56
MW-25D-192	Deep LPA	130.50	58.69	71.81	57.63	72.87	54.20	76.30	55.45	75.05	60.37	70.13	59.02	71.48
MW-28D	Deep LPA	150.50	90.98	59.52	88.30	62.20	84.78	65.72	86.96	63.54	94.24	56.26	91.37	59.13
MW-29D	Deep LPA	131.92	66.56	65.36	65.03	66.89	60.64	71.28	62.36	69.56	67.20	64.72	67.10	64.82
MW-30D-273	Deep LPA	153.54	100.70	52.84	98.14	55.40	93.10	60.44	95.74	57.80	104.75	48.79	101.12	52.42
MW-31D	Deep LPA	162.50	109.95	52.55	106.27	56.23	102.47	60.03	104.91	57.59	113.35	49.15	110.14	52.36
MW-32D	Deep LPA	156.14	100.65	55.49	98.97	57.17	93.79	62.35	97.02	59.12	99.43	56.71	101.56	54.58
MW-33D-235	Deep LPA	178.60	127.52	51.08	125.14	53.46	119.35	59.25	121.72	56.88	132.76	45.84	127.87	50.73
MW-33D-295	Deep LPA	178.30	127.34	50.96	125.69	52.61	119.10	59.20	NM	NA	131.14	47.16	127.65	50.65
MW-34D	Deep LPA	183.91	136.42	47.49	131.76	52.15	127.40	56.51	129.93	53.98	141.48	42.43	136.62	47.29
MW-35D	Deep LPA	177.80	128.19	49.61	123.64	54.16	119.18	58.62	121.65	56.15	127.51	50.29	129.89	47.91
MW-46D	Deep LPA	124.77	NM	-	NM	-	NM	-	35.47	89.30	38.40	86.37	37.90	86.87
MW-30D-413	Patuxent	153.13	143.75	9.38	140.62	12.51	130.73	22.40	137.25	15.88	145.27	7.86	143.64	9.49
MW-36D	Patuxent	158.71	146.32	12.39	143.85	14.86	134.83	23.88	141.30	17.41	147.65	11.06	146.75	11.96

Notes:
LPA = Lower Patapsco Aquifer
NM = Not Measured
TOC = Top of Casing
* Well abandoned in August 2019
a/ The field measurement was deemed inaccurate due to an error with the water level indicator

Table 3

Historical Groundwater Elevations (2015 through 2025)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Aquifer/Zone	TOC Elevation	2/12/2020		5/14/2020		11/23/2020		5/10/2021		11/15/2021	
			Depth to Water	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*
MW-25S *	Shallow LPA	130.60	NM	-	NM	-	NM	-	NM	-	-	0.00
MW-28S *	Shallow LPA	150.50	NM	-	NM	-	NM	-	NM	-	-	0.00
MW-45	Shallow LPA	126.72	NM	-	NM	-	NM	-	12.69	114.03	12.69	114.03
MW-24D	Deep LPA	129.10	50.10	79.00	48.80	80.30	53.02	76.08	50.01	79.09	49.40	79.70
MW-25D-130	Deep LPA	130.50	55.55	74.95	54.95	75.55	60.50	70.00	56.11	74.39	NM	-
MW-25D-192	Deep LPA	130.50	54.70	75.80	54.23	76.27	59.50	71.00	55.32	75.18	NM	-
MW-28D	Deep LPA	150.50	85.00	65.50	84.36	66.14	92.87	57.63	86.34	64.16	89.34	61.16
MW-29D	Deep LPA	131.92	61.28	70.64	60.61	71.31	67.75	64.17	62.15	69.77	64.82	67.10
MW-30D-273	Deep LPA	153.54	93.29	60.25	92.60	60.94	103.09	50.45	94.95	58.59	99.70	53.84
MW-31D	Deep LPA	162.50	102.73	59.77	NM	-	113.30	49.20	104.32	58.18	108.09	54.41
MW-32D	Deep LPA	156.14	92.35	63.79	94.31	61.83	103.76	52.38	95.58	60.56	99.72	56.42
MW-33D-235	Deep LPA	178.60	119.72	58.88	119.10	59.50	NM	-	121.30	57.30	125.35	53.25
MW-33D-295	Deep LPA	178.30	119.54	58.76	118.84	59.46	130.21	48.09	121.08	57.22	125.15	53.15
MW-34D	Deep LPA	183.91	127.75	56.16	127.01	56.90	139.08	44.83	129.41	54.50	133.82	50.09
MW-35D	Deep LPA	177.80	119.68	58.12	119.06	58.74	129.67	48.13	121.20	56.60	126.19	51.61
MW-46D	Deep LPA	124.77	36.13	88.64	35.73	89.04	37.72	87.05	35.95	88.82	35.95	88.82
MW-30D-413	Patuxent	153.13	128.12	25.01	127.25	25.88	142.22	10.91	134.60	18.53	140.69	12.44
MW-36D	Patuxent	158.71	132.11	26.60	131.08	27.63	145.25	13.46	137.95	20.76	143.70	15.01

Notes:
LPA = Lower Patapsco Aquifer
NM = Not Measured
TOC = Top of Casing
* Well abandoned in August 2019
a/ The field measurement was deemed inaccurate due to an error with the water level indicator

Table 3

Historical Groundwater Elevations (2015 through 2025)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Aquifer/Zone	TOC Elevation	6/27/2022		11/20/2022		5/22/2023		12/4/2023		5/19/2024	
			Depth to Water	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*
MW-25S *	Shallow LPA	130.60	-	-	-	-	NM	-	-	-	-	-
MW-28S *	Shallow LPA	150.50	-	-	-	-	NM	-	-	-	-	-
MW-45	Shallow LPA	126.72	12.91	113.81	13.54	113.18	NM	-	13.54	113.18	12.40	114.32
MW-24D	Deep LPA	129.10	51.06	78.0	53.11	76.0	49.42	79.68	53.83	75.3	52.60	76.5
MW-25D-130	Deep LPA	130.50	60.22	70.3	60.00	70.5	57.68	72.82	61.12	69.4	60.67	69.8
MW-25D-192	Deep LPA	130.50	59.12	71.4	59.10	71.4	56.72	73.78	60.15	70.4	59.60	70.9
MW-28D	Deep LPA	150.50	93.51	57.0	90.81	59.7	89.06	61.44	92.66	57.8	93.36	57.1
MW-29D	Deep LPA	131.92	68.45	63.5	66.70	65.2	65.15	66.77	68.34	63.6	68.31	63.6
MW-30D-273	Deep LPA	153.54	104.25	49.3	100.23	53.3	98.76	54.78	102.50	51.0	NM	-
MW-31D	Deep LPA	162.50	114.2	48.3	109.24	53.3	107.82	54.68	111.54	51.0	NM	-
MW-32D	Deep LPA	156.14	104.98	51.2	100.23	55.9	98.47	57.67	102.17	54.0	103.71	52.4
MW-33D-235	Deep LPA	178.60	132.13	46.5	126.56	52.0	125.61	52.99	129.16	49.4	(a)	-
MW-33D-295	Deep LPA	178.30	131.85	46.5	126.29	52.0	125.39	52.91	128.89	49.4	131.57	46.7
MW-34D	Deep LPA	183.91	141.12	42.8	134.82	49.1	134.32	49.59	137.72	46.2	140.72	43.2
MW-35D	Deep LPA	177.80	132.35	45.5	126.60	51.2	126.53	51.27	129.71	48.1	131.83	46.0
MW-46D	Deep LPA	124.77	37.13	87.64	38.38	86.4	36.26	88.51	38.88	85.9	37.66	87.1
MW-30D-413	Patuxent	153.13	145.4	7.7	141.52	11.6	137.89	15.2	141.29	11.8	139.79	13.3
MW-36D	Patuxent	158.71	148.06	10.7	145.05	13.7	141.29	17.4	144.57	14.1	NM	-

Notes:
LPA = Lower Patapsco Aquifer
NM = Not Measured
TOC = Top of Casing
* Well abandoned in August 2019
a/ The field measurement was deemed inaccurate due to an error with the water level indicator

Table 3

Historical Groundwater Elevations (2015 through 2025)
Offsite Monitoring Wells
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Aquifer/Zone	TOC Elevation	6/12/2024		11/11/2024		11/26/2024		12/16/2024		6/15/2025 - 6/16/2025		11/16/2025 - 11/17/2025	
			Depth to Water	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*	*Depth to Water*	*Groundwater Elevation*
MW-25S *	Shallow LPA	130.60	-	-	-	-	-	-	-	-	-	-	-	-
MW-28S *	Shallow LPA	150.50	-	-	-	-	-	-	-	-	-	-	-	-
MW-45	Shallow LPA	126.72	NM	-	13.63	113.09	NM	-	NM	-	12.81	113.91	13.22	113.50
MW-24D	Deep LPA	129.10	NM	-	54.70	74.4	NM	-	NM	-	54.12	74.98	NM	-
MW-25D-130	Deep LPA	130.50	NM	-	NM	-	63.31	67.2	NM	-	64.10	66.40	64.00	66.50
MW-25D-192	Deep LPA	130.50	NM	-	NM	-	62.23	68.3	61.86	68.6	63.07	67.43	62.97	67.53
MW-28D	Deep LPA	150.50	NM	-	96.83	53.7	NM	-	NM	-	97.23	53.27	96.61	53.89
MW-29D	Deep LPA	131.92	69.41	62.5	71.87	60.1	NM	-	NM	-	72.23	59.69	71.57	60.35
MW-30D-273	Deep LPA	153.54	105.30	48.2	108.07	45.5	NM	-	NM	-	108.49	45.05	106.71	46.83
MW-31D	Deep LPA	162.50	115.60	46.9	NM	-	117.69	44.8	NM	-	118.82	43.68	116.82	45.68
MW-32D	Deep LPA	156.14	NM	-	107.55	48.6	NM	-	NM	-	NM	-	106.50	49.64
MW-33D-235	Deep LPA	178.60	133.30	45.3	135.94	42.7	NM	-	NM	-	136.45	42.15	134.57	44.03
MW-33D-295	Deep LPA	178.30	132.96	45.3	135.65	42.7	NM	-	NM	-	136.19	42.11	134.14	44.16
MW-34D	Deep LPA	183.91	NM	-	145.07	38.8	NM	-	NM	-	145.61	38.30	143.31	40.60
MW-35D	Deep LPA	177.80	NM	-	136.37	41.4	NM	-	NM	-	137.23	40.57	134.91	42.89
MW-46D	Deep LPA	124.77	38.32	86.5	39.80	85.0	NM	-	NM	-	39.03	85.74	40.25	84.52
MW-30D-413	Patuxent	153.13	143.58	9.5	148.91	4.2	NM	-	NM	-	148.98	4.15	143.19	9.94
MW-36D	Patuxent	158.71	146.41	12.3	151.72	7.0	NM	-	NM	-	151.82	6.89	146.38	12.33

Notes:
LPA = Lower Patapsco Aquifer
NM = Not Measured
TOC = Top of Casing
* Well abandoned in August 2019
a/ The field measurement was deemed inaccurate due to an error with the water level indicator

Table 4

Offsite Monitoring Well Sample Results
Former Kop-Flex Facility Site
Hanover, Maryland
Fourth Quarter 2025

Parameters (a)	Groundwater Quality Standards (µg/L) (b)	Well ID:	SHALLOW ZONE LOWER PATAPSCO AQUIFER	DEEP (CONFINED) ZONE LOWER PATAPSCO AQUIFER								
		Sampling Date:	**MW-45** 11/17/25	**MW-24D** 12/19/25	**MW-25D-130** 11/17/25	**MW-200 (d)** 11/17/25	**MW-25D-190** 11/17/25	**MW-28D** 11/17/25	**MW-29D** 11/17/25	**MW-30D-273** 11/17/25	**MW-31D** 11/17/25	**MW-32D** 11/17/25
VOCs by 8260 (µg/L)												
Methyl t-Butyl Ether	**20**		1.1	10.0 U	1.0 U	1.0 U	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	**2.8**		1.0 U	**66.2**	**5.7**	**8.2**	**5.3**	1.0 U	1.0 U	1.8	1.0 U	1.0 U
1,2-Dichloroethane	**5**		1.0 U	10.0 U	1.1	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	**7**		1.0 U	**655**	**66.6**	**102**	**24.1**	**9.3**	1.0 U	**61.2**	1.0 U	1.0 U
1,1,1-Trichloroethane	**200**		1.0 U	10.0 U	5.9	6.5	2.1	1.0 U	1.0 U	2.1	1.0 U	1.0 U
SVOCs by 8270SIM (µg/L)												
1,4-Dioxane	**4.6 (c)**		1.0 U	**120**	**32.8**	**25.6**	**11.2**	4.2	1.1 U	**20.1**	1.0 U	1.0 U
	Total CVOCs & 1,4-Dioxane		*ND*	*841.2*	*112.1*	*143.4*	*42.7*	*13.5*	*ND*	*85.2*	*ND*	*ND*

a/ U = not detected above the method detection limit; CVOC = chlorinated volatile organic compound; ND = non-detect.
Bolded values indicate an exceedence of the Groundwater Quality Standards

All sample concentrations in micrograms per liter (µg/L)

b/ All cleanup standards, except for 1,4-dioxane, are equal to the Maryland Generic Numeric Cleanup Standards for Groundwater, Type I and II Aquifers, from the State of Maryland Interim Final Guidance (October 2018). Accessed May 27, 2020: https://mde.maryland.gov/programs/LAND/MarylandBrownfieldVCP/Documents/www.mde.state.md.us/assets/docum

c/ Value represents the MDE risk-based action level.

d/ Field duplicate of sample from well MW-25D-130.

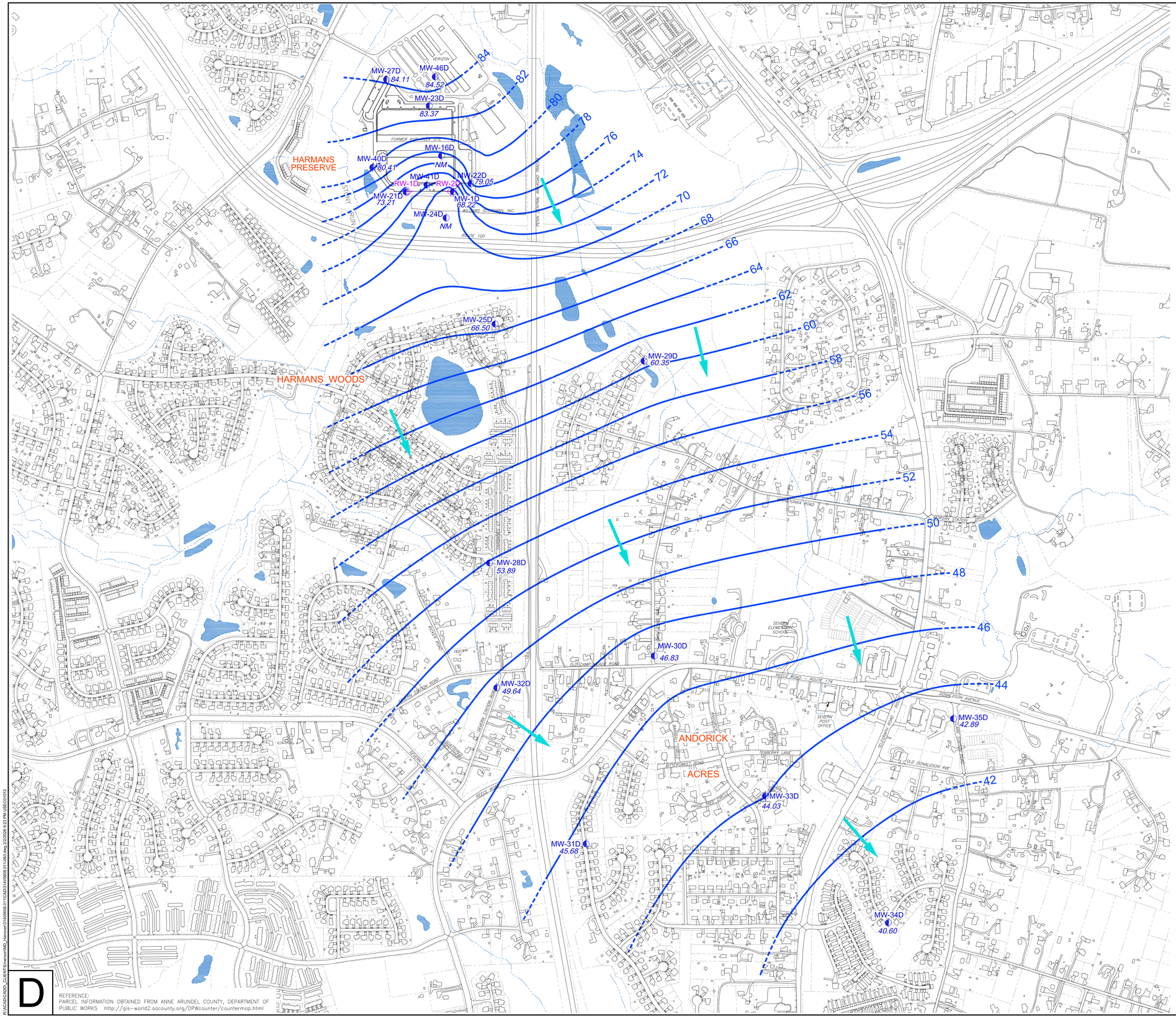
Table 4

Offsite Monitoring Well Sample Results
Former Kop-Flex Facility Site
Hanover, Maryland
Fourth Quarter 2025

Parameters (a)	Groundwater Quality Standards (µg/L) (b)	Well ID:	DEEP (CONFINED) ZONE LOWER PATAPSCO AQUIFER					PATUXENT AQUIFER	
			MW-33D-235	MW-33D-295	MW-34D	MW-35D	MW-46D	MW-30D-413	MW-36D
		Sampling Date:	11/17/25	11/17/25	11/17/25	11/16/25	11/16/25	11/17/25	11/17/25
VOCs by 8260 (µg/L)									
Methyl t-Butyl Ether	**20**		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	**2.8**		1.0 U	1.0 U	1.0 U	1.0 U	**13.9**	1.0 U	1.0 U
1,2-Dichloroethane	**5**		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	**7**		1.0 U	**10.7**	1.0 U	1.0 U	**46.2**	1.0 U	1.0 U
1,1,1-Trichloroethane	**200**		1.0 U	1.0 U	1.0 U	1.0 U	2.0	1.0 U	1.0 U
SVOCs by 8270SIM (µg/L)									
1,4-Dioxane	**4.6 (c)**		1.0 U	**5.0**	1.0 U	1.0 U	**28.2**	1.0 U	1.1 U
	Total CVOCs & 1,4-Dioxane		*ND*	*15.7*	*ND*	*ND*	*90.3*	*ND*	*ND*

a/ U = not detected above the method detection limit; CVOC = chlorinated volatile organic compound; ND = non-detect.
Bolded values indicate an exceedence of the Groundwater Quality Standards
All sample concentrations in micrograms per liter (µg/L)
b/ All cleanup standards, except for 1,4-dioxane, are equal to the Maryland Generic Numeric Cleanup Standards for Groundwater, Type I and II Aquifers, from the State of Maryland Interim Final Guidance (October 2018). Accessed May 27, 2020: https://mde.maryland.gov/programs/LAND/MarylandBrownfieldVCP/Documents/www.mde.state.md.us/assets/document/MDE
c/ Value represents the MDE risk-based action level.
d/ Field duplicate of sample from well MW-25D-130.

FIGURES



LEGEND

- PROPERTY LINE
- STREAM
- WATER BODY
- MONITORING WELL
- RECOVERY WELL
- 60.33 GROUNDWATER SURFACE ELEVATION (FEET MSL)
- NM NOT MEASURED
- GROUNDWATER SURFACE CONTOUR (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTE:

FIGURE DEPICTS THE POTENTIOMETRIC SURFACE IN THE DEEP (CONFINED) ZONE OF THE LOWER PATAPSCO AQUIFER UNDER PUMPING CONDITIONS.

D

REFERENCE:
PARCEL INFORMATION OBTAINED FROM ANNE ARUNDEL COUNTY, DEPARTMENT OF PUBLIC WORKS http://gis-world2.aacounty.org/DPWcounter/countermap.html

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0 400 800 1200
SCALE IN FEET

N

R:\ACAD\CADD_CLIENT\Emerson\MD_Hanover\314565608.01\11CAD\314V5608.011-063.dwg 2/2/2026 9:23 PM USECO1012

REVISIONS

REV	DESCRIPTION	Chkd:	Appr.:
1	Revised	Chkd:	Appr.:
2	Revised	Chkd:	Appr.:
3	Revised	Chkd:	Appr.:

SEAL

DATE

DRAWN BY EGM 2/1/2026
CHECKED
APPROVED

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POTENTIOMETRIC SURFACE CONTOUR MAP DEEP CONFINED ZONE OF THE LOWER PATAPSCO AQUIFER NOVEMBER–DECEMBER 2025

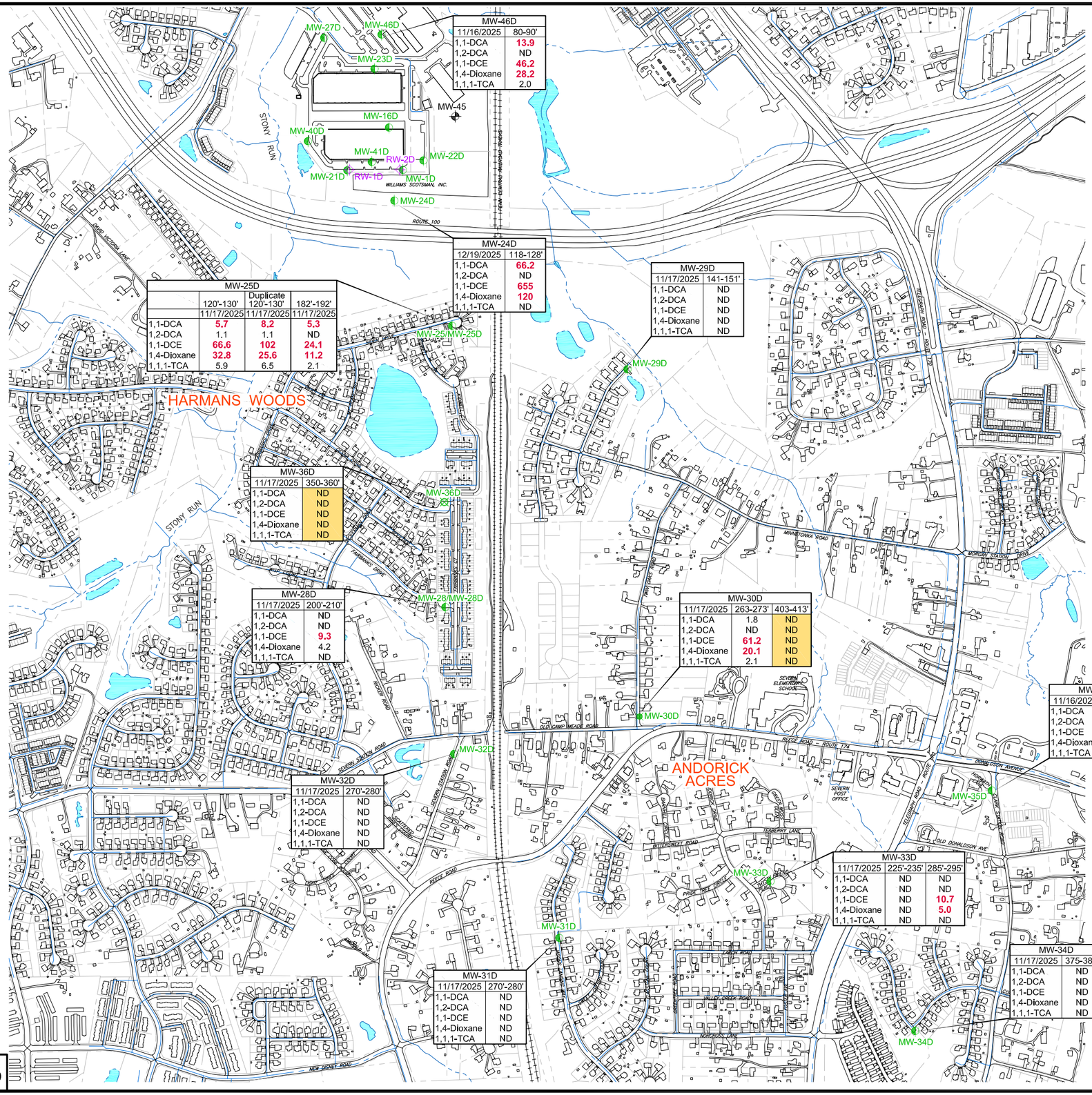
FORMER KOP–FLEX FACILITY SITE
HANOVER, MARYLAND

PREPARED FOR
EMERSUB 16 LLC
ST. LOUIS, MISSOURI

WSP USA Inc.
13530 DULLES TECHNOLOGY DR. SUITE 300
HERNDON, VA 20171
TEL: +1 703.709.6500

FIGURE 1

Drawing Number
314V5608.011–063



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THE ORIGINAL VERSION OF THIS DRAWING IS IN COLOR. BLACK AND WHITE COPIES MAY NOT ACCURATELY DEPICT CERTAIN INFORMATION.

LEGEND

- PROPERTY LINE
- WATER MAIN
- STREAM
- WATER BODY
- SHALLOW UNCONFINED LOWER PATAPSCO AQUIFER MONITORING WELL
- CONFINED LOWER PATAPSCO AQUIFER MONITORING WELL
- PATUXENT AQUIFER MONITORING WELLS
- CONFINED LOWER PATAPSCO AQUIFER AND PATUXENT AQUIFER MONITORING WELLS
- RECOVERY WELL

MW-46D	
11/17/2025	80-90'
1,1-DCA	13.6
1,2-DCA	ND
1,1-DCE	46.2
1,4-Dioxane	28.2
1,1,1-TCA	2.0

- DATE SAMPLED
- WELL IDENTIFICATION
- SCREENED INTERVAL (FT–BGS)
- SAMPLE RESULTS IN µg/l (RED INDICATES RESULTS ABOVE MDE CLEANUP STANDARDS)
- CONSTITUENTS
- WELL SCREENED IN THE PATUXENT AQUIFER

ND NON DETECT

1,1-DCA 1,1–DICHLOROETHANE
1,2-DCA 1,2–DICHLOROETHANE
1,1-DCE 1,1–DICHLOROETHENE
1,1,1-TCA 1,1,1–TRICHLOROETHANE

Cleanup Levels	
	µg/l
1,1-DCA	2.8
1,2-DCA	5
1,1-DCE	7
1,4-Dioxane	4.6
1,1,1-TCA	200

NOTE:

ALL CLEANUP STANDARDS, EXCEPT FOR 1,4–DIOXANE, ARE EQUAL TO THE MARYLAND GENERIC NUMERIC CLEANUP STANDARDS FOR GROUNDWATER, TYPE I AND II AQUIFERS, FROM THE STATE OF MARYLAND INTERIM FINAL GUIDANCE (OCTOBER 2018). THE COMPARATIVE CRITERION FOR 1,4–DIOXANE IS THE MARYLAND DEPARTMENT OF THE ENVIRONMENT RISK–BASED ACTION LEVEL OF 4.6 µg/l.

N

0 800 1600

SCALE IN FEET

REFERENCE:
PARCEL INFORMATION OBTAINED FROM ANNE ARUNDEL COUNTY, DEPARTMENT OF PUBLIC WORKS http://gis-world2.aacounty.org/DPWcounter/countermap.html

Drawn By: EGC
Checked: 2/2/2026
Approved: PM
DWG Name: 314V5608.011-064

FORMER KOP–FLEX FACILITY
HANOVER, MARYLAND

PREPARED FOR
EMERSUB 16 LLC
ST. LOUIS, MISSOURI

FIGURE 2

GROUNDWATER MONITORING RESULTS –
DEEP LOWER PATAPSCO AQUIFER AND PATUXENT
AQUIFER WELLS – NOVEMBER 2025

WSP USA Inc.
13530 DULLES TECHNOLOGY DR
SUITE 300
HERNDON, VA 20171
TEL: +1 703.709.6500

B

ENXLOSURE A - CERTIFIED LABORATORY ANALYTICAL REPORT FOR OFFSTE MONITORING WELL SAMPLES (NOVEMBER 2025)

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **WSP USA Inc.**

Project	Former KOP-Flex Facility Offsi
Workorder	3443340
Report ID	480329 on 12/8/2025

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Nov 17, 2025.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Susan Scherer (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Eric Johnson - WSP USA INC
Erik Reinert - WSP USA Inc
Stevie Henrick - WSP USA Inc.

Susan Scherer

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Susan Scherer *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3443340001	MW-34D	Ground Water	11/17/2025 08:00	11/17/2025 18:30	C	
3443340002	MW-31D	Ground Water	11/17/2025 08:30	11/17/2025 18:30	C	
3443340003	MW-33D-295	Ground Water	11/17/2025 09:00	11/17/2025 18:30	C	
3443340004	MW-33D-235	Ground Water	11/17/2025 09:15	11/17/2025 18:30	C	
3443340005	MW-30D-273	Ground Water	11/17/2025 10:40	11/17/2025 18:30	C	
3443340006	MW-30D-413	Ground Water	11/17/2025 10:15	11/17/2025 18:30	C	
3443340007	MW-29D	Ground Water	11/17/2025 10:45	11/17/2025 18:30	C	
3443340008	MW-32D	Ground Water	11/17/2025 11:05	11/17/2025 18:30	C	
3443340009	MW-28D	Ground Water	11/17/2025 11:35	11/17/2025 18:30	C	
3443340010	Trip Blank D	Ground Water	11/17/2025 00:00	11/17/2025 18:30	C	
3443340011	MW-36D	Ground Water	11/17/2025 12:00	11/17/2025 18:30	C	
3443340012	MW-45	Ground Water	11/17/2025 13:15	11/17/2025 18:30	C	
3443340013	MW-25D-130	Ground Water	11/17/2025 13:50	11/17/2025 18:30	C	
3443340014	MW-25D-190	Ground Water	11/17/2025 14:00	11/17/2025 18:30	C	
3443340015	MW-200	Ground Water	11/17/2025 12:30	11/17/2025 18:30	C	
3443340016	MW-35D	Ground Water	11/16/2025 08:15	11/17/2025 18:30	C	
3443340017	MW-46D	Ground Water	11/16/2025 13:00	11/17/2025 18:30	C	
3443340018	Trip Blank E	Ground Water	11/16/2025 00:00	11/17/2025 18:30	C	

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	The QC sample type LCS for method SW846 8260D was outside the control limits for the analyte Bromochloromethane. The % Recovery was reported as 118 and the control limits were 73 to 117.
2	The QC sample type LCS for method SW846 8260D was outside the control limits for the analyte cis-1,3-Dichloropropene. The % Recovery was reported as 123 and the control limits were 81 to 121.
3	The QC sample type LCS for method SW846 8260D was outside the control limits for the analyte Hexachlorobutadiene. The % Recovery was reported as 145 and the control limits were 55 to 128.
4	2-Hexanone was recovered outside control limits in the continuing calibration verification associated with this sample. The % recovered was reported at 76%. Acceptable limits are 80-120%.
5	The QC sample type LCS for method SW846 8260D was outside the control limits for the analyte Toluene. The % Recovery was reported as 132 and the control limits were 80 to 125.
6	The QC sample type LCS for method SW846 8260D was outside the control limits for the analyte 1,2,3-Trichlorobenzene. The % Recovery was reported as 129 and the control limits were 61 to 126.
7	The QC sample type LCS for method SW846 8260D was outside the control limits for the analyte 1,2,4-Trichlorobenzene. The % Recovery was reported as 133 and the control limits were 67 to 123.
8	The surrogate 4-Bromofluorobenzene for method SW846 8260D was outside of control limits. The % Recovery was reported as 78.8 and the control limits were 79 to 114. This result was reported at a dilution of 1.
9	The surrogate 4-Bromofluorobenzene for method SW846 8260D was outside of control limits. The % Recovery was reported as 118 and the control limits were 79 to 114. This result was reported at a dilution of 1.
10	The QC sample type MSD for method SW846 8260D was outside the control limits for the analyte Bromochloromethane. The % Recovery was reported as 119 and the control limits were 73 to 117.
11	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte Bromoform. The % Recovery was reported as 126 and the control limits were 70 to 123.
12	The QC sample type MSD for method SW846 8260D was outside the control limits for the analyte Chloroethane. The % Recovery was reported as 160 and the control limits were 51 to 142.
13	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte 1,1-Dichloroethene. The % Recovery was reported as 155 and the control limits were 63 to 128.
14	The QC sample type MSD for method SW846 8260D was outside the control limits for the analyte 1,1-Dichloroethene. The % Recovery was reported as 140 and the control limits were 63 to 128.
15	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte Hexachlorobutadiene. The % Recovery was reported as 133 and the control limits were 55 to 128.
16	The QC sample type MSD for method SW846 8260D was outside the control limits for the analyte Hexachlorobutadiene. The % Recovery was reported as 131 and the control limits were 55 to 128.
17	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 118 and the control limits were 69 to 115.
18	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 122 and the control limits were 76 to 121.
19	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte Styrene. The % Recovery was reported as 139 and the control limits were 79 to 123.

20	The QC sample type MS for method SW846 8260D was outside the control limits for the analyte 1,2,4-Trichlorobenzene. The % Recovery was reported as 127 and the control limits were 67 to 123.
21	The QC sample type MSD for method SW846 8260D was outside the control limits for the analyte 1,2,4-Trichlorobenzene. The % Recovery was reported as 126 and the control limits were 67 to 123.
22	The QC sample type MSD for method SW846 8260D was outside the control limits for the analyte Trichlorofluoromethane. The % Recovery was reported as 163 and the control limits were 38 to 123.
23	The surrogate Dibromofluoromethane for method SW846 8260D was outside of control limits. The % Recovery was reported as 135 and the control limits were 78 to 116. This result was reported at a dilution of 1.
24	The surrogate Toluene-d8 for method SW846 8260D was outside of control limits. The % Recovery was reported as 128 and the control limits were 76 to 127. This result was reported at a dilution of 1.

Detected Results Summary

Client Sample ID	MW-33D-295	Collected	11/17/2025 09:00
Lab Sample ID	3443340003	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	5.0	ug/L	1.0	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1-Dichloroethene	10.7	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-30D-273	Collected	11/17/2025 10:40
Lab Sample ID	3443340005	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	20.1	ug/L	1.0	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1,1-Trichloroethane	2.1	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethane	1.8	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethene	61.2	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-28D	Collected	11/17/2025 11:35
Lab Sample ID	3443340009	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	4.2	ug/L	1.0	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1-Dichloroethene	9.3	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-45	Collected	11/17/2025 13:15
Lab Sample ID	3443340012	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
VOLATILE ORGANICS					
Methyl t-Butyl Ether	1.1	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-25D-130	Collected	11/17/2025 13:50
Lab Sample ID	3443340013	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	32.8	ug/L	10.7	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1,1-Trichloroethane	5.9	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethane	5.7	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethene	66.6	ug/L	1.0	SW846 8260D	#
1,2-Dichloroethane	1.1	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-25D-190	Collected	11/17/2025 14:00
Lab Sample ID	3443340014	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	11.2	ug/L	4.3	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1,1-Trichloroethane	2.1	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethane	5.3	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethene	24.1	ug/L	1.0	SW846 8260D	#
Methyl t-Butyl Ether	1.4	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-200	Collected	11/17/2025 12:30
Lab Sample ID	3443340015	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	25.6	ug/L	10.0	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1,1-Trichloroethane	6.5	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethane	8.2	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethene	102	ug/L	1.0	SW846 8260D	#
1,2-Dichloroethane	1.1	ug/L	1.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	MW-46D	Collected	11/16/2025 13:00
Lab Sample ID	3443340017	Lab Receipt	11/17/2025 18:30

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	28.2	ug/L	10.0	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1,1-Trichloroethane	2.0	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethane	13.9	ug/L	1.0	SW846 8260D	#
1,1-Dichloroethene	46.2	ug/L	1.0	SW846 8260D	#

Results

Client Sample ID	MW-34D	Collected	11/17/2025 08:00
Lab Sample ID	3443340001	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/21/2025 10:03	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	95.1%	29 – 112	11/21/2025 10:03	
Fluoranthene-d10	93951-69-0	88.1%	45 – 130	11/21/2025 10:03	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A

Results

Client Sample ID	MW-34D	Collected	11/17/2025 08:00
Lab Sample ID	3443340001	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:29	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:29	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	98.6%	62 – 133	12/01/2025 03:29	
4-Bromofluorobenzene	460-00-4	96.4%	79 – 114	12/01/2025 03:29	
Dibromofluoromethane	1868-53-7	95%	78 – 116	12/01/2025 03:29	
Toluene-d8	2037-26-5	94.6%	76 – 127	12/01/2025 03:29	

Results

Client Sample ID	MW-31D	Collected	11/17/2025 08:30
Lab Sample ID	3443340002	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/21/2025 10:30	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	98.5%	29 – 112	11/21/2025 10:30	
Fluoranthene-d10	93951-69-0	109%	45 – 130	11/21/2025 10:30	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A

Results

Client Sample ID	MW-31D	Collected	11/17/2025 08:30
Lab Sample ID	3443340002	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:52	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:52	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	98.8%	62 – 133	12/01/2025 03:52	
4-Bromofluorobenzene	460-00-4	94.6%	79 – 114	12/01/2025 03:52	
Dibromofluoromethane	1868-53-7	101%	78 – 116	12/01/2025 03:52	
Toluene-d8	2037-26-5	94.3%	76 – 127	12/01/2025 03:52	

Results

Client Sample ID	MW-33D-295	Collected	11/17/2025 09:00
Lab Sample ID	3443340003	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	5.0		ug/L	1.0	SW846 8270E SIM	1	11/21/2025 10:58	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	85.2%	29 – 112	11/21/2025 10:58	
Fluoranthene-d10	93951-69-0	108%	45 – 130	11/21/2025 10:58	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,1-Dichloroethene	10.7		ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A

Results

Client Sample ID	MW-33D-295	Collected	11/17/2025 09:00
Lab Sample ID	3443340003	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:15	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:15	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	12/01/2025 04:15	
4-Bromofluorobenzene	460-00-4	95.2%	79 – 114	12/01/2025 04:15	
Dibromofluoromethane	1868-53-7	104%	78 – 116	12/01/2025 04:15	
Toluene-d8	2037-26-5	94.1%	76 – 127	12/01/2025 04:15	

Results

Client Sample ID	MW-33D-235	Collected	11/17/2025 09:15
Lab Sample ID	3443340004	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/21/2025 11:25	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	93.8%	29 – 112	11/21/2025 11:25	
Fluoranthene-d10	93951-69-0	107%	45 – 130	11/21/2025 11:25	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A

Results

Client Sample ID	MW-33D-235	Collected	11/17/2025 09:15
Lab Sample ID	3443340004	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 04:38	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 04:38	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 – 133	12/01/2025 04:38	
4-Bromofluorobenzene	460-00-4	98.6%	79 – 114	12/01/2025 04:38	
Dibromofluoromethane	1868-53-7	104%	78 – 116	12/01/2025 04:38	
Toluene-d8	2037-26-5	98.4%	76 – 127	12/01/2025 04:38	

Results

Client Sample ID	MW-30D-273	Collected	11/17/2025 10:40
Lab Sample ID	3443340005	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	20.1		ug/L	1.0	SW846 8270E SIM	1	11/21/2025 11:52	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	84.9%	29 – 112	11/21/2025 11:52	
Fluoranthene-d10	93951-69-0	104%	45 – 130	11/21/2025 11:52	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,1,1-Trichloroethane	2.1		ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,1-Dichloroethane	1.8		ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,1-Dichloroethene	61.2		ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A

Results

Client Sample ID	MW-30D-273	Collected	11/17/2025 10:40
Lab Sample ID	3443340005	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:01	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:01	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	12/01/2025 05:01	
4-Bromofluorobenzene	460-00-4	90.4%	79 – 114	12/01/2025 05:01	
Dibromofluoromethane	1868-53-7	98%	78 – 116	12/01/2025 05:01	
Toluene-d8	2037-26-5	94.1%	76 – 127	12/01/2025 05:01	

Results

Client Sample ID	MW-30D-413	Collected	11/17/2025 10:15
Lab Sample ID	3443340006	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/21/2025 12:20	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	90.3%	29 – 112	11/21/2025 12:20	
Fluoranthene-d10	93951-69-0	117%	45 – 130	11/21/2025 12:20	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A

Results

Client Sample ID	MW-30D-413	Collected	11/17/2025 10:15
Lab Sample ID	3443340006	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:24	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:24	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	98.8%	62 – 133	12/01/2025 05:24	
4-Bromofluorobenzene	460-00-4	92.8%	79 – 114	12/01/2025 05:24	
Dibromofluoromethane	1868-53-7	96.2%	78 – 116	12/01/2025 05:24	
Toluene-d8	2037-26-5	95.5%	76 – 127	12/01/2025 05:24	

Results

Client Sample ID	MW-29D	Collected	11/17/2025 10:45
Lab Sample ID	3443340007	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.1 U	U	ug/L	1.1	SW846 8270E SIM	1	11/21/2025 12:48	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	87%	29 – 112	11/21/2025 12:48	
Fluoranthene-d10	93951-69-0	102%	45 – 130	11/21/2025 12:48	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A

Results

Client Sample ID	MW-29D	Collected	11/17/2025 10:45
Lab Sample ID	3443340007	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 05:47	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 05:47	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 – 133	12/01/2025 05:47	
4-Bromofluorobenzene	460-00-4	96.7%	79 – 114	12/01/2025 05:47	
Dibromofluoromethane	1868-53-7	101%	78 – 116	12/01/2025 05:47	
Toluene-d8	2037-26-5	95.9%	76 – 127	12/01/2025 05:47	

Results

Client Sample ID	MW-32D	Collected	11/17/2025 11:05
Lab Sample ID	3443340008	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/21/2025 13:15	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	97.8%	29 – 112	11/21/2025 13:15	
Fluoranthene-d10	93951-69-0	111%	45 – 130	11/21/2025 13:15	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A

Results

Client Sample ID	MW-32D	Collected	11/17/2025 11:05
Lab Sample ID	3443340008	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:10	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:10	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	12/01/2025 06:10	
4-Bromofluorobenzene	460-00-4	95.3%	79 – 114	12/01/2025 06:10	
Dibromofluoromethane	1868-53-7	101%	78 – 116	12/01/2025 06:10	
Toluene-d8	2037-26-5	96.6%	76 – 127	12/01/2025 06:10	

Results

Client Sample ID	MW-28D	Collected	11/17/2025 11:35
Lab Sample ID	3443340009	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	4.2		ug/L	1.0	SW846 8270E SIM	1	11/21/2025 13:43	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	91.6%	29 – 112	11/21/2025 13:43	
Fluoranthene-d10	93951-69-0	101%	45 – 130	11/21/2025 13:43	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,1-Dichloroethene	9.3		ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A

Results

Client Sample ID	MW-28D	Collected	11/17/2025 11:35
Lab Sample ID	3443340009	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 06:33	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 06:33	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	12/01/2025 06:33	
4-Bromofluorobenzene	460-00-4	95.3%	79 – 114	12/01/2025 06:33	
Dibromofluoromethane	1868-53-7	99.9%	78 – 116	12/01/2025 06:33	
Toluene-d8	2037-26-5	95.5%	76 – 127	12/01/2025 06:33	

Results

Client Sample ID	Trip Blank D	Collected	11/17/2025 00:00
Lab Sample ID	3443340010	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A

Results

Client Sample ID	Trip Blank D	Collected	11/17/2025 00:00
Lab Sample ID	3443340010	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/01/2025 03:06	PDK	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/01/2025 03:06	PDK	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 – 133	12/01/2025 03:06	
4-Bromofluorobenzene	460-00-4	96.1%	79 – 114	12/01/2025 03:06	
Dibromofluoromethane	1868-53-7	98.6%	78 – 116	12/01/2025 03:06	
Toluene-d8	2037-26-5	95.6%	76 – 127	12/01/2025 03:06	

Results

Client Sample ID	MW-36D	Collected	11/17/2025 12:00
Lab Sample ID	3443340011	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.1 U	U	ug/L	1.1	SW846 8270E SIM	1	11/21/2025 14:11	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	58.5%	29 – 112	11/21/2025 14:11	
Fluoranthene-d10	93951-69-0	78.4%	45 – 130	11/21/2025 14:11	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A

Results

Client Sample ID	MW-36D	Collected	11/17/2025 12:00
Lab Sample ID	3443340011	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 22:22	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:22	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.8%	62 – 133	11/30/2025 22:22	
4-Bromofluorobenzene	460-00-4	99.6%	79 – 114	11/30/2025 22:22	
Dibromofluoromethane	1868-53-7	97.4%	78 – 116	11/30/2025 22:22	
Toluene-d8	2037-26-5	102%	76 – 127	11/30/2025 22:22	

Results

Client Sample ID	MW-45	Collected	11/17/2025 13:15
Lab Sample ID	3443340012	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/21/2025 14:39	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	78.3%	29 – 112	11/21/2025 14:39	
Fluoranthene-d10	93951-69-0	99.9%	45 – 130	11/21/2025 14:39	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A

Results

Client Sample ID	MW-45	Collected	11/17/2025 13:15
Lab Sample ID	3443340012	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Methyl t-Butyl Ether	1.1		ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 22:45	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 22:45	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	98.1%	62 – 133	11/30/2025 22:45	
4-Bromofluorobenzene	460-00-4	78.8*%	79 – 114	11/30/2025 22:45	8
Dibromofluoromethane	1868-53-7	96.2%	78 – 116	11/30/2025 22:45	
Toluene-d8	2037-26-5	92.9%	76 – 127	11/30/2025 22:45	

Results

Client Sample ID	MW-25D-130	Collected	11/17/2025 13:50
Lab Sample ID	3443340013	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	32.8		ug/L	10.7	SW846 8270E SIM	10	11/26/2025 18:16	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	88.2%	29 – 112	11/26/2025 18:16	
2-Methylnapthalene-d10	7297-45-2	78.7%	29 – 112	11/24/2025 13:45	
Fluoranthene-d10	93951-69-0	81.7%	45 – 130	11/26/2025 18:16	
Fluoranthene-d10	93951-69-0	76.4%	45 – 130	11/24/2025 13:45	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,1,1-Trichloroethane	5.9		ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,1-Dichloroethane	5.7		ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,1-Dichloroethene	66.6		ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2-Dichloroethane	1.1		ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A

Results

Client Sample ID	MW-25D-130	Collected	11/17/2025 13:50
Lab Sample ID	3443340013	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 23:08	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:08	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	98.9%	62 – 133	11/30/2025 23:08	
4-Bromofluorobenzene	460-00-4	118*%	79 – 114	11/30/2025 23:08	9
Dibromofluoromethane	1868-53-7	97.7%	78 – 116	11/30/2025 23:08	
Toluene-d8	2037-26-5	95.3%	76 – 127	11/30/2025 23:08	

Results

Client Sample ID	MW-25D-190	Collected	11/17/2025 14:00
Lab Sample ID	3443340014	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	11.2		ug/L	4.3	SW846 8270E SIM	4	11/26/2025 18:44	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	96.4%	29 – 112	11/26/2025 18:44	
2-Methylnapthalene-d10	7297-45-2	96.7%	29 – 112	11/24/2025 14:13	
Fluoranthene-d10	93951-69-0	99.5%	45 – 130	11/26/2025 18:44	
Fluoranthene-d10	93951-69-0	100%	45 – 130	11/24/2025 14:13	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,1,1-Trichloroethane	2.1		ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,1-Dichloroethane	5.3		ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,1-Dichloroethene	24.1	13,14	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7,20,21	ug/L	2.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Bromochloromethane	1.0 U	U,1,10	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Bromoform	1.0 U	U,11	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Chloroethane	1.0 U	U,12	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A

Results

Client Sample ID	MW-25D-190	Collected	11/17/2025 14:00
Lab Sample ID	3443340014	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Hexachlorobutadiene	5.0 U	U,3,15,16	ug/L	5.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Methyl t-Butyl Ether	1.4	17	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Methylene Chloride	1.0 U	U,18	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Styrene	1.0 U	U,19	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Trichlorofluoromethane	1.0 U	U,22	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 23:53	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:53	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.4%	62 – 133	11/30/2025 23:53	
4-Bromofluorobenzene	460-00-4	84.5%	79 – 114	11/30/2025 23:53	
Dibromofluoromethane	1868-53-7	97.6%	78 – 116	11/30/2025 23:53	
Toluene-d8	2037-26-5	93.5%	76 – 127	11/30/2025 23:53	

Results

Client Sample ID	MW-200	Collected	11/17/2025 12:30
Lab Sample ID	3443340015	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	25.6		ug/L	10.0	SW846 8270E SIM	10	11/26/2025 19:11	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	83.1%	29 – 112	11/26/2025 19:11	
2-Methylnapthalene-d10	7297-45-2	83.1%	29 – 112	11/24/2025 15:38	
Fluoranthene-d10	93951-69-0	94.3%	45 – 130	11/26/2025 19:11	
Fluoranthene-d10	93951-69-0	97.8%	45 – 130	11/24/2025 15:38	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,1,1-Trichloroethane	6.5		ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,1-Dichloroethane	8.2		ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,1-Dichloroethene	102		ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2-Dichloroethane	1.1		ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A

Results

Client Sample ID	MW-200	Collected	11/17/2025 12:30
Lab Sample ID	3443340015	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 23:31	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 23:31	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 – 133	11/30/2025 23:31	
4-Bromofluorobenzene	460-00-4	102%	79 – 114	11/30/2025 23:31	
Dibromofluoromethane	1868-53-7	99.7%	78 – 116	11/30/2025 23:31	
Toluene-d8	2037-26-5	97.4%	76 – 127	11/30/2025 23:31	

Results

Client Sample ID	MW-35D	Collected	11/16/2025 08:15
Lab Sample ID	3443340016	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	1.0 U	U	ug/L	1.0	SW846 8270E SIM	1	11/24/2025 16:06	S7M	G

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	83.5%	29 – 112	11/24/2025 16:06	
Fluoranthene-d10	93951-69-0	94%	45 – 130	11/24/2025 16:06	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A

Results

Client Sample ID	MW-35D	Collected	11/16/2025 08:15
Lab Sample ID	3443340016	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 21:37	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:37	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.2%	62 – 133	11/30/2025 21:37	
4-Bromofluorobenzene	460-00-4	99%	79 – 114	11/30/2025 21:37	
Dibromofluoromethane	1868-53-7	98.2%	78 – 116	11/30/2025 21:37	
Toluene-d8	2037-26-5	95.3%	76 – 127	11/30/2025 21:37	

Results

Client Sample ID	MW-46D	Collected	11/16/2025 13:00
Lab Sample ID	3443340017	Lab Receipt	11/17/2025 18:30

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	28.2		ug/L	10.0	SW846 8270E SIM	10	11/26/2025 19:39	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	89.2%	29 – 112	11/26/2025 19:39	
2-Methylnapthalene-d10	7297-45-2	102%	29 – 112	11/24/2025 16:34	
Fluoranthene-d10	93951-69-0	89.9%	45 – 130	11/26/2025 19:39	
Fluoranthene-d10	93951-69-0	105%	45 – 130	11/24/2025 16:34	

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,1,1-Trichloroethane	2.0		ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,1-Dichloroethane	13.9		ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,1-Dichloroethene	46.2		ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A

Results

Client Sample ID	MW-46D	Collected	11/16/2025 13:00
Lab Sample ID	3443340017	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 21:59	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 21:59	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	110%	62 – 133	11/30/2025 21:59	
4-Bromofluorobenzene	460-00-4	105%	79 – 114	11/30/2025 21:59	
Dibromofluoromethane	1868-53-7	135*%	78 – 116	11/30/2025 21:59	23
Toluene-d8	2037-26-5	101%	76 – 127	11/30/2025 21:59	

Results

Client Sample ID	Trip Blank E	Collected	11/16/2025 00:00
Lab Sample ID	3443340018	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2,3-Trichlorobenzene	2.0 U	U,6	ug/L	2.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2,4-Trichlorobenzene	2.0 U	U,7	ug/L	2.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
2-Hexanone	5.0 U	U,4	ug/L	5.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Bromochloromethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Bromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Chloroform	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
cis-1,3-Dichloropropene	1.0 U	U,2	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Hexachlorobutadiene	5.0 U	U,3	ug/L	5.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A

Results

Client Sample ID	Trip Blank E	Collected	11/16/2025 00:00
Lab Sample ID	3443340018	Lab Receipt	11/17/2025 18:30

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Toluene	1.0 U	U,5	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	11/30/2025 18:12	VLM	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	11/30/2025 18:12	VLM	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	11/30/2025 18:12	
4-Bromofluorobenzene	460-00-4	83%	79 – 114	11/30/2025 18:12	
Dibromofluoromethane	1868-53-7	100%	78 – 116	11/30/2025 18:12	
Toluene-d8	2037-26-5	128*%	76 – 127	11/30/2025 18:12	24

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3443340001	MW-34D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340002	MW-31D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340003	MW-33D-295	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340004	MW-33D-235	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340005	MW-30D-273	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340006	MW-30D-413	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340007	MW-29D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340008	MW-32D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340009	MW-28D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340010	Trip Blank D	SW846 8260D	N/A	
3443340011	MW-36D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340012	MW-45	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340013	MW-25D-130	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340014	MW-25D-190	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340015	MW-200	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340016	MW-35D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340017	MW-46D	SW846 8270E SIM SW846 8260D	SW846 3510C N/A	
3443340018	Trip Blank E	SW846 8260D	N/A	

QUALITY CONTROL SAMPLES

SEMIVOLATILE SIM

QC Batch

QC Batch	1488782	Prep Method	SW846 3510C
Date	11/20/2025 10:00	Analysis Method	SW846 8270E SIM
Tech.	JHS		

Associated Samples

3443340001	3443340006	3443340004	3443340002
3443340003	3443340005	3443340008	3443340011
3443340012	3443340009	3443340007	

Method Blank 4066269 (MB) Created on 11/19/2025 12:04 For QC Batch 1488782

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
1,4-Dioxane	123-91-1	BLK	1.0 U	ug/L	1.0	U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	BLK	0.88	1	87.8	29 - 112	
Fluoranthene-d10	93951-69-0	BLK	1.1	1	112	45 - 130	

Lab Control Standard 4066270 (LCS) Created on 11/19/2025 12:04 For QC Batch 1488782

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,4-Dioxane	123-91-1	LCS	0.53		1	52.7	22 - 75		U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	LCS	0.7	1	70.1	29 - 112	
Fluoranthene-d10	93951-69-0	LCS	0.78	1	78.3	45 - 130	

Matrix Spike 4066271 (MS) 3443340012 For QC Batch 1488782

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,4-Dioxane	123-91-1	MS	0.59	0	1	58.8	22 - 75		U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	MS	1	1	100	29 - 112	

QUALITY CONTROL SAMPLES

SEMIVOLATILE SIM (cont.)

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
Fluoranthene-d10	93951-69-0	MS	1.1	1	110	45 - 130	

QC Batch

QC Batch	1489805	Prep Method	SW846 3510C
Date	11/23/2025 10:00	Analysis Method	SW846 8270E SIM
Tech.	JHS		

Associated Samples

3443340013 3443340014 3443340015 3443340016 3443340017

Method Blank 4067830 (MB) Created on 11/23/2025 07:48 For QC Batch 1489805

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
1,4-Dioxane	123-91-1	BLK	1.0 U	ug/L	1.0	U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	BLK	0.84	1	83.6	29 - 112	
Fluoranthene-d10	93951-69-0	BLK	0.93	1	92.7	45 - 130	

Lab Control Standard 4067831 (LCS) Created on 11/23/2025 07:48 For QC Batch 1489805

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,4-Dioxane	123-91-1	LCS	0.49		1	49.4	22 - 75		U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	LCS	0.78	1	78.1	29 - 112	
Fluoranthene-d10	93951-69-0	LCS	0.93	1	92.6	45 - 130	

Matrix Spike 4067832 (MS) 3443340014 For QC Batch 1489805

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Matrix Spike Duplicate 4067833 (MSD) 3443340014 For QC Batch 1489805

QUALITY CONTROL SAMPLES

SEMIVOLATILE SIM (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,4-Dioxane	123-91-1	MS	12.6	11.20	1.10	NC	22 - 75		
1,4-Dioxane	123-91-1	MSD	12.4	11.20	1.10	NC	22 - 75	RPD 1.27 (Max-30)	

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	MS	0.9	1.10	83.2	29 - 112	
2-Methylnapthalene-d10	7297-45-2	MSD	1	1.10	96.2	29 - 112	
Fluoranthene-d10	93951-69-0	MS	1	1.10	92.3	45 - 130	
Fluoranthene-d10	93951-69-0	MSD	1.2	1.10	108	45 - 130	

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS

QC Batch

QC Batch	1491974	Prep Method	N/A
Date	N/A	Analysis Method	SW846 8260D
Tech.			

Associated Samples

3443340018	3443340011	3443340013	3443340016
3443340014	3443340017	3443340012	3443340015

Method Blank 4069611 (MB) Created on 11/30/2025 16:08 For QC Batch 1491974

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	BLK	1.0 U	ug/L	1.0	U
1,1,1-Trichloroethane	71-55-6	BLK	1.0 U	ug/L	1.0	U
1,1,2,2-Tetrachloroethane	79-34-5	BLK	1.0 U	ug/L	1.0	U
1,1,2-Trichloroethane	79-00-5	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloroethane	75-34-3	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloroethene	75-35-4	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloropropene	563-58-6	BLK	1.0 U	ug/L	1.0	U
1,2,3-Trichlorobenzene	87-61-6	BLK	2.0 U	ug/L	2.0	U
1,2,3-Trichloropropane	96-18-4	BLK	2.0 U	ug/L	2.0	U
1,2,4-Trichlorobenzene	120-82-1	BLK	2.0 U	ug/L	2.0	U
1,2-Dibromo-3-chloropropane	96-12-8	BLK	7.0 U	ug/L	7.0	U
1,2-Dibromoethane	106-93-4	BLK	1.0 U	ug/L	1.0	U
1,2-Dichlorobenzene	95-50-1	BLK	1.0 U	ug/L	1.0	U
1,2-Dichloroethane	107-06-2	BLK	1.0 U	ug/L	1.0	U
1,2-Dichloropropane	78-87-5	BLK	1.0 U	ug/L	1.0	U
1,3-Dichlorobenzene	541-73-1	BLK	1.0 U	ug/L	1.0	U
1,3-Dichloropropane	142-28-9	BLK	1.0 U	ug/L	1.0	U
1,4-Dichlorobenzene	106-46-7	BLK	1.0 U	ug/L	1.0	U
2,2-Dichloropropane	594-20-7	BLK	1.0 U	ug/L	1.0	U
2-Butanone	78-93-3	BLK	10.0 U	ug/L	10.0	U
2-Hexanone	591-78-6	BLK	5.0 U	ug/L	5.0	U
4-Methyl-2-Pentanone(MIBK)	108-10-1	BLK	5.0 U	ug/L	5.0	U
Acetone	67-64-1	BLK	10.0 U	ug/L	10.0	U
Benzene	71-43-2	BLK	1.0 U	ug/L	1.0	U
Bromobenzene	108-86-1	BLK	1.0 U	ug/L	1.0	U
Bromochloromethane	74-97-5	BLK	1.0 U	ug/L	1.0	U
Bromodichloromethane	75-27-4	BLK	1.0 U	ug/L	1.0	U
Bromoform	75-25-2	BLK	1.0 U	ug/L	1.0	U
Bromomethane	74-83-9	BLK	1.0 U	ug/L	1.0	U
Carbon Tetrachloride	56-23-5	BLK	1.0 U	ug/L	1.0	U
Chlorobenzene	108-90-7	BLK	1.0 U	ug/L	1.0	U
Chlorodibromomethane	124-48-1	BLK	1.0 U	ug/L	1.0	U
Chloroethane	75-00-3	BLK	1.0 U	ug/L	1.0	U
Chloroform	67-66-3	BLK	1.0 U	ug/L	1.0	U
Chloromethane	74-87-3	BLK	1.0 U	ug/L	1.0	U
cis-1,2-Dichloroethene	156-59-2	BLK	1.0 U	ug/L	1.0	U
cis-1,3-Dichloropropene	10061-01-5	BLK	1.0 U	ug/L	1.0	U
Dibromomethane	74-95-3	BLK	1.0 U	ug/L	1.0	U
Dichlorodifluoromethane	75-71-8	BLK	1.0 U	ug/L	1.0	U

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
Diisopropyl ether	108-20-3	BLK	1.0 U	ug/L	1.0	U
Ethylbenzene	100-41-4	BLK	1.0 U	ug/L	1.0	U
Hexachlorobutadiene	87-68-3	BLK	5.0 U	ug/L	5.0	U
Methyl t-Butyl Ether	1634-04-4	BLK	1.0 U	ug/L	1.0	U
Methylene Chloride	75-09-2	BLK	1.0 U	ug/L	1.0	U
mp-Xylene	108383/106423	BLK	2.0 U	ug/L	2.0	U
Naphthalene	91-20-3	BLK	2.0 U	ug/L	2.0	U
o-Chlorotoluene	95-49-8	BLK	1.0 U	ug/L	1.0	U
o-Xylene	95-47-6	BLK	1.0 U	ug/L	1.0	U
p-Chlorotoluene	106-43-4	BLK	1.0 U	ug/L	1.0	U
p-Isopropyltoluene	99-87-6	BLK	1.0 U	ug/L	1.0	U
Styrene	100-42-5	BLK	1.0 U	ug/L	1.0	U
Tetrachloroethene	127-18-4	BLK	1.0 U	ug/L	1.0	U
Toluene	108-88-3	BLK	1.0 U	ug/L	1.0	U
Total Xylenes	1330-20-7	BLK	3.0 U	ug/L	3.0	U
trans-1,2-Dichloroethene	156-60-5	BLK	1.0 U	ug/L	1.0	U
trans-1,3-Dichloropropene	10061-02-6	BLK	1.0 U	ug/L	1.0	U
Trichloroethene	79-01-6	BLK	1.0 U	ug/L	1.0	U
Trichlorofluoromethane	75-69-4	BLK	1.0 U	ug/L	1.0	U
Vinyl Acetate	108-05-4	BLK	5.0 U	ug/L	5.0	U
Vinyl Chloride	75-01-4	BLK	1.0 U	ug/L	1.0	U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	BLK	29.9	30	99.6	62 - 133	
4-Bromofluorobenzene	460-00-4	BLK	25.2	30	83.8	79 - 114	
Dibromofluoromethane	1868-53-7	BLK	29.9	30	99.5	78 - 116	
Toluene-d8	2037-26-5	BLK	28.8	30	95.8	76 - 127	

Lab Control Standard 4069612 (LCS) Created on 11/30/2025 16:08 For QC Batch 1491974

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	LCS	23.7		20	119	78 - 121		
1,1,1-Trichloroethane	71-55-6	LCS	23		20	115	66 - 130		
1,1,2,2-Tetrachloroethane	79-34-5	LCS	16.9		20	84.5	74 - 135		
1,1,2-Trichloroethane	79-00-5	LCS	21.1		20	106	82 - 126		
1,1-Dichloroethane	75-34-3	LCS	21.5		20	107	78 - 124		
1,1-Dichloroethene	75-35-4	LCS	25.5		20	127	63 - 128		
1,1-Dichloropropene	563-58-6	LCS	21.2		20	106	76 - 126		
1,2,3-Trichlorobenzene	87-61-6	LCS	25.8		20	129*	61 - 126		
1,2,3-Trichloropropane	96-18-4	LCS	18.5		20	92.7	75 - 132		
1,2,4-Trichlorobenzene	120-82-1	LCS	26.6		20	133*	67 - 123		
1,2-Dibromo-3-chloropropane	96-12-8	LCS	19.6		20	98	59 - 133		

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,2-Dibromoethane	106-93-4	LCS	24.1		20	121	80 - 124		
1,2-Dichlorobenzene	95-50-1	LCS	21.6		20	108	82 - 118		
1,2-Dichloroethane	107-06-2	LCS	20.4		20	102	70 - 133		
1,2-Dichloropropane	78-87-5	LCS	20.9		20	104	81 - 127		
1,3-Dichlorobenzene	541-73-1	LCS	21.8		20	109	81 - 118		
1,3-Dichloropropane	142-28-9	LCS	22		20	110	82 - 126		
1,4-Dichlorobenzene	106-46-7	LCS	21.4		20	107	81 - 116		
2,2-Dichloropropane	594-20-7	LCS	22.2		20	111	64 - 129		
2-Butanone	78-93-3	LCS	104		100	104	50 - 152		
2-Hexanone	591-78-6	LCS	84.9		100	84.9	65 - 154		
4-Methyl-2-Pentanone(MIBK)	108-10-1	LCS	96.7		100	96.7	71 - 146		
Acetone	67-64-1	LCS	115		100	115	40 - 151		
Benzene	71-43-2	LCS	21.6		20	108	80 - 124		
Bromobenzene	108-86-1	LCS	20		20	99.8	81 - 119		
Bromochloromethane	74-97-5	LCS	23.7		20	118*	73 - 117		
Bromodichloromethane	75-27-4	LCS	22.1		20	110	79 - 126		
Bromoform	75-25-2	LCS	18.9		20	94.7	70 - 123		
Bromomethane	74-83-9	LCS	17.7		20	88.4	45 - 148		
Carbon Tetrachloride	56-23-5	LCS	22.7		20	113	62 - 132		
Chlorobenzene	108-90-7	LCS	22.3		20	111	85 - 117		
Chlorodibromomethane	124-48-1	LCS	24.4		20	122	77 - 122		
Chloroethane	75-00-3	LCS	22.3		20	112	51 - 142		
Chloroform	67-66-3	LCS	21.5		20	107	78 - 122		
Chloromethane	74-87-3	LCS	17.5		20	87.4	38 - 156		
cis-1,2-Dichloroethene	156-59-2	LCS	21.4		20	107	78 - 125		
cis-1,3-Dichloropropene	10061-01-5	LCS	24.7		20	123*	81 - 121		
Dibromomethane	74-95-3	LCS	22.6		20	113	81 - 125		
Dichlorodifluoromethane	75-71-8	LCS	22		20	110	17 - 166		
Diisopropyl ether	108-20-3	LCS	19.8		20	98.9	74 - 131		
Ethylbenzene	100-41-4	LCS	22.9		20	114	80 - 124		
Hexachlorobutadiene	87-68-3	LCS	28.9		20	145*	55 - 128		
Methyl t-Butyl Ether	1634-04-4	LCS	22.2		20	111	69 - 115		
Methylene Chloride	75-09-2	LCS	22.7		20	114	76 - 121		
mp-Xylene	108383/106423	LCS	47.4		40	119	79 - 125		
Naphthalene	91-20-3	LCS	24.1		20	120	56 - 134		
o-Chlorotoluene	95-49-8	LCS	19		20	95.1	78 - 126		
o-Xylene	95-47-6	LCS	23.7		20	118	79 - 124		
p-Chlorotoluene	106-43-4	LCS	18.5		20	92.6	78 - 125		
p-Isopropyltoluene	99-87-6	LCS	21.8		20	109	72 - 123		
Styrene	100-42-5	LCS	18.2		20	90.8	79 - 123		
Tetrachloroethene	127-18-4	LCS	24.9		20	124	72 - 124		
Toluene	108-88-3	LCS	26.5		20	132*	80 - 125		
Total Xylenes	1330-20-7	LCS	71.1		60	118	79 - 125		
trans-1,2-Dichloroethene	156-60-5	LCS	22.5		20	113	71 - 122		
trans-1,3-Dichloropropene	10061-02-6	LCS	21.1		20	106	78 - 126		
Trichloroethene	79-01-6	LCS	21.8		20	109	77 - 124		
Trichlorofluoromethane	75-69-4	LCS	24.3		20	121	38 - 123		

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Vinyl Acetate	108-05-4	LCS	17.7		20	88.6	58 - 136		
Vinyl Chloride	75-01-4	LCS	17.1		20	85.6	27 - 138		

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	LCS	28.5	30	95.1	62 - 133	
4-Bromofluorobenzene	460-00-4	LCS	30	30	100	79 - 114	
Dibromofluoromethane	1868-53-7	LCS	30.4	30	101	78 - 116	
Toluene-d8	2037-26-5	LCS	35.4	30	118	76 - 127	

Matrix Spike 4069613 (MS) 3443340014 For QC Batch 1491974

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Matrix Spike Duplicate 4069614 (MSD) 3443340014 For QC Batch 1491974

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	MS	23.4	0	20	117	78 - 121		
1,1,1,2-Tetrachloroethane	630-20-6	MSD	24	0	20	120	78 - 121	RPD 2.54 (Max-40)	
1,1,1-Trichloroethane	71-55-6	MS	25.8	2.10	20	119	66 - 130		
1,1,1-Trichloroethane	71-55-6	MSD	26.9	2.10	20	124	66 - 130	RPD 4.21 (Max-40)	
1,1,2,2-Tetrachloroethane	79-34-5	MS	18.5	0	20	92.4	74 - 135		
1,1,2,2-Tetrachloroethane	79-34-5	MSD	18.4	0	20	92.2	74 - 135	RPD 0.21 (Max-40)	
1,1,2-Trichloroethane	79-00-5	MS	21.2	0	20	106	82 - 126		
1,1,2-Trichloroethane	79-00-5	MSD	20.8	0	20	104	82 - 126	RPD 2.07 (Max-40)	
1,1-Dichloroethane	75-34-3	MS	29.6	5.30	20	122	78 - 124		
1,1-Dichloroethane	75-34-3	MSD	27.9	5.30	20	113	78 - 124	RPD 6.04 (Max-40)	
1,1-Dichloroethene	75-35-4	MS	55.1	24.10	20	155*	63 - 128		
1,1-Dichloroethene	75-35-4	MSD	52.1	24.10	20	140*	63 - 128	RPD 5.58 (Max-40)	
1,1-Dichloropropene	563-58-6	MS	23	0	20	115	76 - 126		
1,1-Dichloropropene	563-58-6	MSD	22.3	0	20	111	76 - 126	RPD 3.16 (Max-40)	
1,2,3-Trichlorobenzene	87-61-6	MS	24	0	20	120	61 - 126		
1,2,3-Trichlorobenzene	87-61-6	MSD	24.5	0	20	122	61 - 126	RPD 1.88 (Max-40)	
1,2,3-Trichloropropane	96-18-4	MS	20.4	0	20	102	75 - 132		
1,2,3-Trichloropropane	96-18-4	MSD	19.6	0	20	97.9	75 - 132	RPD 4.16 (Max-40)	
1,2,4-Trichlorobenzene	120-82-1	MS	25.3	0	20	127*	67 - 123		
1,2,4-Trichlorobenzene	120-82-1	MSD	25.3	0	20	126*	67 - 123	RPD 0.13 (Max-40)	
1,2-Dibromo-3-chloropropane	96-12-8	MS	21.8	0	20	109	59 - 133		
1,2-Dibromo-3-chloropropane	96-12-8	MSD	20.4	0	20	102	59 - 133	RPD 6.84 (Max-40)	
1,2-Dibromoethane	106-93-4	MS	22.7	0	20	113	80 - 124		
1,2-Dibromoethane	106-93-4	MSD	23	0	20	115	80 - 124	RPD 1.36 (Max-40)	
1,2-Dichlorobenzene	95-50-1	MS	22.8	0	20	114	82 - 118		
1,2-Dichlorobenzene	95-50-1	MSD	22.6	0	20	113	82 - 118	RPD 0.72 (Max-40)	

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,2-Dichloroethane	107-06-2	MS	21.5	0.34	20	106	70 - 133		
1,2-Dichloroethane	107-06-2	MSD	21.6	0.34	20	106	70 - 133	RPD 0.76 (Max-40)	
1,2-Dichloropropane	78-87-5	MS	22.9	0	20	115	81 - 127		
1,2-Dichloropropane	78-87-5	MSD	21.6	0	20	108	81 - 127	RPD 6.09 (Max-40)	
1,3-Dichlorobenzene	541-73-1	MS	22.9	0	20	115	81 - 118		
1,3-Dichlorobenzene	541-73-1	MSD	22.6	0	20	113	81 - 118	RPD 1.32 (Max-40)	
1,3-Dichloropropane	142-28-9	MS	22.9	0	20	114	82 - 126		
1,3-Dichloropropane	142-28-9	MSD	21.9	0	20	110	82 - 126	RPD 4.26 (Max-40)	
1,4-Dichlorobenzene	106-46-7	MS	22.6	0	20	113	81 - 116		
1,4-Dichlorobenzene	106-46-7	MSD	22.5	0	20	113	81 - 116	RPD 0.24 (Max-40)	
2,2-Dichloropropane	594-20-7	MS	20.9	0	20	104	64 - 129		
2,2-Dichloropropane	594-20-7	MSD	20.4	0	20	102	64 - 129	RPD 2.52 (Max-40)	
2-Butanone	78-93-3	MS	106	0	100	106	50 - 152		
2-Butanone	78-93-3	MSD	104	0	100	104	50 - 152	RPD 2.42 (Max-40)	
2-Hexanone	591-78-6	MS	96.6	0	100	96.6	65 - 154		
2-Hexanone	591-78-6	MSD	86.8	0	100	86.8	65 - 154	RPD 10.70 (Max-40)	
4-Methyl-2-Pentanone(MIBK)	108-10-1	MS	105	0	100	105	71 - 146		
4-Methyl-2-Pentanone(MIBK)	108-10-1	MSD	94.8	0	100	94.8	71 - 146	RPD 10.50 (Max-40)	
Acetone	67-64-1	MS	113	0	100	113	40 - 151		
Acetone	67-64-1	MSD	102	0	100	102	40 - 151	RPD 9.94 (Max-40)	
Benzene	71-43-2	MS	23	0	20	115	80 - 124		
Benzene	71-43-2	MSD	22.1	0	20	110	80 - 124	RPD 4.09 (Max-40)	
Bromobenzene	108-86-1	MS	20.4	0	20	102	81 - 119		
Bromobenzene	108-86-1	MSD	20.9	0	20	104	81 - 119	RPD 2.49 (Max-40)	
Bromochloromethane	74-97-5	MS	23.2	0	20	116	73 - 117		
Bromochloromethane	74-97-5	MSD	23.8	0	20	119*	73 - 117	RPD 2.55 (Max-40)	
Bromodichloromethane	75-27-4	MS	22.6	0	20	113	79 - 126		
Bromodichloromethane	75-27-4	MSD	22.3	0	20	112	79 - 126	RPD 0.90 (Max-40)	
Bromoform	75-25-2	MS	25.1	0	20	126*	70 - 123		
Bromoform	75-25-2	MSD	18.8	0	20	93.8	70 - 123	RPD 29 (Max-40)	
Bromomethane	74-83-9	MS	15.5	0	20	77.6	45 - 148		
Bromomethane	74-83-9	MSD	22.7	0	20	114	45 - 148	RPD 37.60 (Max-40)	
Carbon Tetrachloride	56-23-5	MS	23.3	0	20	116	62 - 132		
Carbon Tetrachloride	56-23-5	MSD	25.7	0	20	129	62 - 132	RPD 9.93 (Max-40)	
Chlorobenzene	108-90-7	MS	22.7	0	20	114	85 - 117		
Chlorobenzene	108-90-7	MSD	23.1	0	20	116	85 - 117	RPD 1.65 (Max-40)	
Chlorodibromomethane	124-48-1	MS	22	0	20	110	77 - 122		
Chlorodibromomethane	124-48-1	MSD	23.2	0	20	116	77 - 122	RPD 5.55 (Max-40)	
Chloroethane	75-00-3	MS	22.8	0	20	114	51 - 142		
Chloroethane	75-00-3	MSD	32	0	20	160*	51 - 142	RPD 33.70 (Max-40)	
Chloroform	67-66-3	MS	22.7	0	20	113	78 - 122		
Chloroform	67-66-3	MSD	22.6	0	20	113	78 - 122	RPD 0.38 (Max-40)	
Chloromethane	74-87-3	MS	22.7	0	20	113	38 - 156		
Chloromethane	74-87-3	MSD	21.5	0	20	108	38 - 156	RPD 5.35 (Max-40)	
cis-1,2-Dichloroethene	156-59-2	MS	23	0	20	115	78 - 125		
cis-1,2-Dichloroethene	156-59-2	MSD	22	0	20	110	78 - 125	RPD 4.48 (Max-40)	
cis-1,3-Dichloropropene	10061-01-5	MS	20.2	0	20	101	81 - 121		
cis-1,3-Dichloropropene	10061-01-5	MSD	19.8	0	20	98.9	81 - 121	RPD 1.99 (Max-40)	
Dibromomethane	74-95-3	MS	22.9	0	20	115	81 - 125		

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Dibromomethane	74-95-3	MSD	22.7	0	20	113	81 - 125	RPD 1.15 (Max-40)	
Dichlorodifluoromethane	75-71-8	MS	22.8	0	20	114	17 - 166		
Dichlorodifluoromethane	75-71-8	MSD	24	0	20	120	17 - 166	RPD 5.01 (Max-40)	
Diisopropyl ether	108-20-3	MS	22.4	0	20	112	74 - 131		
Diisopropyl ether	108-20-3	MSD	19.3	0	20	96.3	74 - 131	RPD 15.10 (Max-40)	
Ethylbenzene	100-41-4	MS	23.3	0	20	116	80 - 124		
Ethylbenzene	100-41-4	MSD	23.6	0	20	118	80 - 124	RPD 1.55 (Max-40)	
Hexachlorobutadiene	87-68-3	MS	26.6	0	20	133*	55 - 128		
Hexachlorobutadiene	87-68-3	MSD	26.1	0	20	131*	55 - 128	RPD 1.86 (Max-40)	
Methyl t-Butyl Ether	1634-04-4	MS	24.9	1.40	20	118*	69 - 115		
Methyl t-Butyl Ether	1634-04-4	MSD	24.3	1.40	20	115	69 - 115	RPD 2.22 (Max-40)	
Methylene Chloride	75-09-2	MS	24.5	0	20	122*	76 - 121		
Methylene Chloride	75-09-2	MSD	23.6	0	20	118	76 - 121	RPD 3.48 (Max-40)	
mp-Xylene	108383/106423	MS	48	0	40	120	79 - 125		
mp-Xylene	108383/106423	MSD	47.8	0	40	119	79 - 125	RPD 0.47 (Max-40)	
Naphthalene	91-20-3	MS	23.8	0	20	119	56 - 134		
Naphthalene	91-20-3	MSD	23.7	0	20	119	56 - 134	RPD 0.46 (Max-40)	
o-Chlorotoluene	95-49-8	MS	21	0	20	105	78 - 126		
o-Chlorotoluene	95-49-8	MSD	20.7	0	20	104	78 - 126	RPD 1.47 (Max-40)	
o-Xylene	95-47-6	MS	24	0	20	120	79 - 124		
o-Xylene	95-47-6	MSD	24.1	0	20	121	79 - 124	RPD 0.42 (Max-40)	
p-Chlorotoluene	106-43-4	MS	20.5	0	20	102	78 - 125		
p-Chlorotoluene	106-43-4	MSD	20.1	0	20	101	78 - 125	RPD 1.74 (Max-40)	
p-Isopropyltoluene	99-87-6	MS	23.2	0	20	116	72 - 123		
p-Isopropyltoluene	99-87-6	MSD	23.4	0	20	117	72 - 123	RPD 0.51 (Max-40)	
Styrene	100-42-5	MS	27.8	0	20	139*	79 - 123		
Styrene	100-42-5	MSD	19.5	0	20	97.5	79 - 123	RPD 35 (Max-40)	
Tetrachloroethene	127-18-4	MS	20.8	0	20	104	72 - 124		
Tetrachloroethene	127-18-4	MSD	21.2	0	20	106	72 - 124	RPD 2.06 (Max-40)	
Toluene	108-88-3	MS	21.5	0	20	108	80 - 125		
Toluene	108-88-3	MSD	22	0	20	110	80 - 125	RPD 2.34 (Max-40)	
Total Xylenes	1330-20-7	MS	72	0	60	120	79 - 125		
Total Xylenes	1330-20-7	MSD	71.9	0	60	120	79 - 125	RPD 0.18 (Max-40)	
trans-1,2-Dichloroethene	156-60-5	MS	24.3	0	20	122	71 - 122		
trans-1,2-Dichloroethene	156-60-5	MSD	23	0	20	115	71 - 122	RPD 5.44 (Max-40)	
trans-1,3-Dichloropropene	10061-02-6	MS	21	0	20	105	78 - 126		
trans-1,3-Dichloropropene	10061-02-6	MSD	20.6	0	20	103	78 - 126	RPD 1.89 (Max-40)	
Trichloroethene	79-01-6	MS	22.4	0	20	112	77 - 124		
Trichloroethene	79-01-6	MSD	22.7	0	20	113	77 - 124	RPD 1.19 (Max-40)	
Trichlorofluoromethane	75-69-4	MS	23.5	0	20	117	38 - 123		
Trichlorofluoromethane	75-69-4	MSD	32.7	0	20	163*	38 - 123	RPD 32.70 (Max-40)	
Vinyl Acetate	108-05-4	MS	14.2	0	20	71.2	58 - 136		
Vinyl Acetate	108-05-4	MSD	14.4	0	20	72.1	58 - 136	RPD 1.33 (Max-40)	
Vinyl Chloride	75-01-4	MS	18.3	0	20	91.5	27 - 138		
Vinyl Chloride	75-01-4	MSD	22.8	0	20	114	27 - 138	RPD 21.90 (Max-40)	

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	MS	29.8	30	99.4	62 - 133	
1,2-Dichloroethane-d4	17060-07-0	MSD	29.4	30	97.9	62 - 133	
4-Bromofluorobenzene	460-00-4	MS	30.2	30	101	79 - 114	
4-Bromofluorobenzene	460-00-4	MSD	30	30	99.9	79 - 114	
Dibromofluoromethane	1868-53-7	MS	30.7	30	102	78 - 116	
Dibromofluoromethane	1868-53-7	MSD	30.7	30	102	78 - 116	
Toluene-d8	2037-26-5	MS	28.8	30	95.9	76 - 127	
Toluene-d8	2037-26-5	MSD	28.7	30	95.8	76 - 127	

QC Batch

QC Batch	1492073	Prep Method	N/A
Date	N/A	Analysis Method	SW846 8260D
Tech.			

Associated Samples

3443340001	3443340005	3443340006	3443340003
3443340004	3443340002	3443340007	3443340008
3443340009	3443340010		

Method Blank 4069617 (MB) Created on 11/30/2025 21:20 For QC Batch 1492073

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	BLK	1.0 U	ug/L	1.0	U
1,1,1-Trichloroethane	71-55-6	BLK	1.0 U	ug/L	1.0	U
1,1,2,2-Tetrachloroethane	79-34-5	BLK	1.0 U	ug/L	1.0	U
1,1,2-Trichloroethane	79-00-5	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloroethane	75-34-3	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloroethene	75-35-4	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloropropene	563-58-6	BLK	1.0 U	ug/L	1.0	U
1,2,3-Trichlorobenzene	87-61-6	BLK	2.0 U	ug/L	2.0	U
1,2,3-Trichloropropane	96-18-4	BLK	2.0 U	ug/L	2.0	U
1,2,4-Trichlorobenzene	120-82-1	BLK	2.0 U	ug/L	2.0	U
1,2-Dibromo-3-chloropropane	96-12-8	BLK	7.0 U	ug/L	7.0	U
1,2-Dibromoethane	106-93-4	BLK	1.0 U	ug/L	1.0	U
1,2-Dichlorobenzene	95-50-1	BLK	1.0 U	ug/L	1.0	U
1,2-Dichloroethane	107-06-2	BLK	1.0 U	ug/L	1.0	U
1,2-Dichloropropane	78-87-5	BLK	1.0 U	ug/L	1.0	U
1,3-Dichlorobenzene	541-73-1	BLK	1.0 U	ug/L	1.0	U
1,3-Dichloropropane	142-28-9	BLK	1.0 U	ug/L	1.0	U
1,4-Dichlorobenzene	106-46-7	BLK	1.0 U	ug/L	1.0	U
2,2-Dichloropropane	594-20-7	BLK	1.0 U	ug/L	1.0	U
2-Butanone	78-93-3	BLK	10.0 U	ug/L	10.0	U
2-Hexanone	591-78-6	BLK	5.0 U	ug/L	5.0	U
4-Methyl-2-Pentanone(MIBK)	108-10-1	BLK	5.0 U	ug/L	5.0	U
Acetone	67-64-1	BLK	10.0 U	ug/L	10.0	U
Benzene	71-43-2	BLK	1.0 U	ug/L	1.0	U
Bromobenzene	108-86-1	BLK	1.0 U	ug/L	1.0	U

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
Bromochloromethane	74-97-5	BLK	1.0 U	ug/L	1.0	U
Bromodichloromethane	75-27-4	BLK	1.0 U	ug/L	1.0	U
Bromoform	75-25-2	BLK	1.0 U	ug/L	1.0	U
Bromomethane	74-83-9	BLK	1.0 U	ug/L	1.0	U
Carbon Tetrachloride	56-23-5	BLK	1.0 U	ug/L	1.0	U
Chlorobenzene	108-90-7	BLK	1.0 U	ug/L	1.0	U
Chlorodibromomethane	124-48-1	BLK	1.0 U	ug/L	1.0	U
Chloroethane	75-00-3	BLK	1.0 U	ug/L	1.0	U
Chloroform	67-66-3	BLK	1.0 U	ug/L	1.0	U
Chloromethane	74-87-3	BLK	1.0 U	ug/L	1.0	U
cis-1,2-Dichloroethene	156-59-2	BLK	1.0 U	ug/L	1.0	U
cis-1,3-Dichloropropene	10061-01-5	BLK	1.0 U	ug/L	1.0	U
Dibromomethane	74-95-3	BLK	1.0 U	ug/L	1.0	U
Dichlorodifluoromethane	75-71-8	BLK	1.0 U	ug/L	1.0	U
Diisopropyl ether	108-20-3	BLK	1.0 U	ug/L	1.0	U
Ethylbenzene	100-41-4	BLK	1.0 U	ug/L	1.0	U
Hexachlorobutadiene	87-68-3	BLK	5.0 U	ug/L	5.0	U
Methyl t-Butyl Ether	1634-04-4	BLK	1.0 U	ug/L	1.0	U
Methylene Chloride	75-09-2	BLK	1.0 U	ug/L	1.0	U
mp-Xylene	108383/106423	BLK	2.0 U	ug/L	2.0	U
Naphthalene	91-20-3	BLK	2.0 U	ug/L	2.0	U
o-Chlorotoluene	95-49-8	BLK	1.0 U	ug/L	1.0	U
o-Xylene	95-47-6	BLK	1.0 U	ug/L	1.0	U
p-Chlorotoluene	106-43-4	BLK	1.0 U	ug/L	1.0	U
p-Isopropyltoluene	99-87-6	BLK	1.0 U	ug/L	1.0	U
Styrene	100-42-5	BLK	1.0 U	ug/L	1.0	U
Tetrachloroethene	127-18-4	BLK	1.0 U	ug/L	1.0	U
Toluene	108-88-3	BLK	1.0 U	ug/L	1.0	U
Total Xylenes	1330-20-7	BLK	3.0 U	ug/L	3.0	U
trans-1,2-Dichloroethene	156-60-5	BLK	1.0 U	ug/L	1.0	U
trans-1,3-Dichloropropene	10061-02-6	BLK	1.0 U	ug/L	1.0	U
Trichloroethene	79-01-6	BLK	1.0 U	ug/L	1.0	U
Trichlorofluoromethane	75-69-4	BLK	1.0 U	ug/L	1.0	U
Vinyl Acetate	108-05-4	BLK	5.0 U	ug/L	5.0	U
Vinyl Chloride	75-01-4	BLK	1.0 U	ug/L	1.0	U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	BLK	30.4	30	101	62 - 133	
4-Bromofluorobenzene	460-00-4	BLK	28.8	30	96	79 - 114	
Dibromofluoromethane	1868-53-7	BLK	30.2	30	101	78 - 116	
Toluene-d8	2037-26-5	BLK	29.2	30	97.2	76 - 127	

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

Lab Control Standard 4069618 (LCS) Created on 11/30/2025 21:20 For QC Batch 1492073

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	LCS	20.3		20	101	78 - 121		
1,1,1-Trichloroethane	71-55-6	LCS	21.2		20	106	66 - 130		
1,1,2,2-Tetrachloroethane	79-34-5	LCS	19.3		20	96.3	74 - 135		
1,1,2-Trichloroethane	79-00-5	LCS	20		20	99.8	82 - 126		
1,1-Dichloroethane	75-34-3	LCS	21.2		20	106	78 - 124		
1,1-Dichloroethene	75-35-4	LCS	22.3		20	111	63 - 128		
1,1-Dichloropropene	563-58-6	LCS	21.4		20	107	76 - 126		
1,2,3-Trichlorobenzene	87-61-6	LCS	20		20	100	61 - 126		
1,2,3-Trichloropropane	96-18-4	LCS	19.7		20	98.4	75 - 132		
1,2,4-Trichlorobenzene	120-82-1	LCS	20		20	100	67 - 123		
1,2-Dibromo-3-chloropropane	96-12-8	LCS	19.4		20	96.9	59 - 133		
1,2-Dibromoethane	106-93-4	LCS	19.5		20	97.6	80 - 124		
1,2-Dichlorobenzene	95-50-1	LCS	20.2		20	101	82 - 118		
1,2-Dichloroethane	107-06-2	LCS	19.6		20	97.9	70 - 133		
1,2-Dichloropropane	78-87-5	LCS	19.7		20	98.5	81 - 127		
1,3-Dichlorobenzene	541-73-1	LCS	20.2		20	101	81 - 118		
1,3-Dichloropropane	142-28-9	LCS	19.8		20	99.1	82 - 126		
1,4-Dichlorobenzene	106-46-7	LCS	19.5		20	97.4	81 - 116		
2,2-Dichloropropane	594-20-7	LCS	19.7		20	98.6	64 - 129		
2-Butanone	78-93-3	LCS	102		100	102	50 - 152		
2-Hexanone	591-78-6	LCS	100		100	100	65 - 154		
4-Methyl-2-Pentanone(MIBK)	108-10-1	LCS	100		100	100	71 - 146		
Acetone	67-64-1	LCS	111		100	111	40 - 151		
Benzene	71-43-2	LCS	21.2		20	106	80 - 124		
Bromobenzene	108-86-1	LCS	19.9		20	99.7	81 - 119		
Bromochloromethane	74-97-5	LCS	22.5		20	112	73 - 117		
Bromodichloromethane	75-27-4	LCS	20.1		20	101	79 - 126		
Bromoform	75-25-2	LCS	20.4		20	102	70 - 123		
Bromomethane	74-83-9	LCS	20.8		20	104	45 - 148		
Carbon Tetrachloride	56-23-5	LCS	20.8		20	104	62 - 132		
Chlorobenzene	108-90-7	LCS	19.8		20	99.2	85 - 117		
Chlorodibromomethane	124-48-1	LCS	19.5		20	97.6	77 - 122		
Chloroethane	75-00-3	LCS	19.4		20	97.2	51 - 142		
Chloroform	67-66-3	LCS	20.8		20	104	78 - 122		
Chloromethane	74-87-3	LCS	20.7		20	104	38 - 156		
cis-1,2-Dichloroethene	156-59-2	LCS	21.9		20	109	78 - 125		
cis-1,3-Dichloropropene	10061-01-5	LCS	18.6		20	92.9	81 - 121		
Dibromomethane	74-95-3	LCS	20.1		20	101	81 - 125		
Dichlorodifluoromethane	75-71-8	LCS	21.7		20	109	17 - 166		
Diisopropyl ether	108-20-3	LCS	20.8		20	104	74 - 131		
Ethylbenzene	100-41-4	LCS	20.5		20	102	80 - 124		
Hexachlorobutadiene	87-68-3	LCS	22.4		20	112	55 - 128		
Methyl t-Butyl Ether	1634-04-4	LCS	20		20	100	69 - 115		
Methylene Chloride	75-09-2	LCS	20.2		20	101	76 - 121		

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
mp-Xylene	108383/106423	LCS	39.3		40	98.2	79 - 125		
Naphthalene	91-20-3	LCS	20.2		20	101	56 - 134		
o-Chlorotoluene	95-49-8	LCS	20.8		20	104	78 - 126		
o-Xylene	95-47-6	LCS	20.8		20	104	79 - 124		
p-Chlorotoluene	106-43-4	LCS	20.9		20	104	78 - 125		
p-Isopropyltoluene	99-87-6	LCS	20.1		20	101	72 - 123		
Styrene	100-42-5	LCS	20.2		20	101	79 - 123		
Tetrachloroethene	127-18-4	LCS	22.4		20	112	72 - 124		
Toluene	108-88-3	LCS	19.8		20	99	80 - 125		
Total Xylenes	1330-20-7	LCS	60		60	100	79 - 125		
trans-1,2-Dichloroethene	156-60-5	LCS	20.8		20	104	71 - 122		
trans-1,3-Dichloropropene	10061-02-6	LCS	19.6		20	97.9	78 - 126		
Trichloroethene	79-01-6	LCS	19.6		20	98.2	77 - 124		
Trichlorofluoromethane	75-69-4	LCS	21.2		20	106	38 - 123		
Vinyl Acetate	108-05-4	LCS	17		20	85	58 - 136		
Vinyl Chloride	75-01-4	LCS	21.1		20	106	27 - 138		

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	LCS	30.5	30	102	62 - 133	
4-Bromofluorobenzene	460-00-4	LCS	28.9	30	96.4	79 - 114	
Dibromofluoromethane	1868-53-7	LCS	29.4	30	98.1	78 - 116	
Toluene-d8	2037-26-5	LCS	28.9	30	96.2	76 - 127	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3443340001	MW-34D	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340002	MW-31D	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340003	MW-33D-295	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340004	MW-33D-235	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340005	MW-30D-273	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340006	MW-30D-413	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340007	MW-29D	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340008	MW-32D	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340009	MW-28D	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1492073
3443340010	Trip Blank D	N/A	N/A	N/A		SW846 8260D	1492073
3443340011	MW-36D	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1491974
3443340012	MW-45	SW846 3510C	1488782	11/20/2025 10:00	JHS	SW846 8270E SIM	1489708
		N/A	N/A	N/A		SW846 8260D	1491974
3443340013	MW-25D-130	SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1490554
		SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1489971
		N/A	N/A	N/A		SW846 8260D	1491974
3443340014	MW-25D-190	SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1490554
		SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1489971
		N/A	N/A	N/A		SW846 8260D	1491974
3443340015	MW-200	SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1490554
		SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1489971
		N/A	N/A	N/A		SW846 8260D	1491974
3443340016	MW-35D	SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1489971
		N/A	N/A	N/A		SW846 8260D	1491974
3443340017	MW-46D	SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1490554
		SW846 3510C	1489805	11/23/2025 10:00	JHS	SW846 8270E SIM	1489971
		N/A	N/A	N/A		SW846 8260D	1491974
3443340018	Trip Blank E	N/A	N/A	N/A		SW846 8260D	1491974

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

3443340
Logged By: SLS
PM: SJB

COC #:
ALS Quote

Client Name: WSP
Address: 13530 Dulles Technology Dr. STE 300 Herndon, VA
Contact: Eric Johnson
Phone#: (703) 318-3936
Project Name/#: KOP Flex Offsite - 312056608.011
Bill To:
Purchase Order #: P1429854500001
TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.
Date Required: Approved?
Email? [ ] eric.johnson@wsp.com

Temp C: 1° | Therm ID: | On Ice: Y N
Sample(s) for Radiation testing? Y N
Reportable SDWA Sample(s)? Y N
SDWA State of Origin
PWSID#
PWS Contact
PWS Phone#
New Source? Y N
New Source Contact:

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	1,4 Dioxane 8270	VOCs 8260	TB VOCs 8260
	Container Type						6	6	6
	Container Size						250ml	40ml	40ml
	Preservative						HCl	HCl	pH<2 HCl
	Enter Number of Containers Per Sample or Field Results Below.								
1	MW-34D	11/17/25	0800				3	2	
2	MW-31D		0830				3	2	
3	MW-33D-295		0900				3	2	
4	MW-33D-235		0915				3	2	
5	MW-30D-273		1040				3	2	
6	MW-30D-413		1015				3	2	
7	MW-29D		1045				3	2	
8	MW-32D		1105				3	2	
9	MW-28D		1135				3	2	
10	Trip blank D								2

SDWA Sample Type Key:
D=Distribution E=Entry Point R=Raw P=Plant
C=Check S=Special A=Annual Startup

Comments

Circle Sample Collector: ALS Tech / (Client)
Name: SRC ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
11/17/25	1810	1	WSP	2	CFCJR ALS 11/17/25 1810
11/17/25	1830	3	CFCJR ALS	4	
		5		6	
		7		8	
		9		10	

Data Deliverables: [ ] Standard Lvl 1 [ ] Standard Lvl 2 [ ] Standard Lvl 3 [ ] Standard Lvl 4 [ ] CLP-like [ ] DOD [ ] NJ RED [ ] NJ Full [ ] HSCA [ ] Landfill [ ] NJ GW
EDDs: [ ] Excel Summary [ ] Equis [ ] Custom
Sample Disposal: Lab [ ] Special [ ]
EDDS: Format Type
State Samples Collected In: [ ] NY [ ] NJ [ ] PA [ ] WV [ ] FL [ ] other

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

Rev. 11/25/2024

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

COC #: 334340 — 1 of 2
ALS Quote #:

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Client Name: WSP
Address: 13530 Dulles Technology Dr Suite 300 Herndon, VA
Contact: Eric Johnson
Phone#: (703) 318-3934
Project Name/#: KopFlex - Offsite 31405608.011
Bill To:
Purchase Order #: P1429854500001
TAT: [x] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.
Date Required: Approved?
Email? [ ] eric.johnson2@wsp.com

Temp°C | Therm ID | On Ice Y N

Sample(s) for Radiation testing? Y N
Reportable SDWA Sample(s)? Y N
SDWA State of Origin
PWSID#
PWS Contact
PWS Phone#
New Source? Y N
New Source Contact:

SDWA Sample Type Key:
D=Distribution E=Entry Point R=Raw P=Plant
C=Check S=Special A=Annual Startup

Comments

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED

	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	Container Type	Container Size	Preservative	NOCS 8260D	1,4 dioxane 8270	mpbank VOCs	Enter Number of Containers Per Sample or Field Results Below.
11	MW-36D	11/17/25	1200				6	40mL	HCl	3	2		
12	MW-45		1315				A	250mL	unp	3	2		
13	MW-25D-130		1350				6	40mL	HCl	3	2		
14	MW-25D-190		1400							3	2		
15	MW-200		1230							3	2		
(16) 0	MW-25D-190 MS/MSD		1400							6	4		
16 2	MW-35D	11/16/25	0815							3	2		
17 8	MW-46D	11/16/25	1300							3	2		
18 8													
19 10	tripblank E											2	

Circle Sample Collector: ALS Tech / Client
Name: SRH ID:
Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
11/17/25	1610	1	WSP	2	CFCSR ALS 11/17/25 1610
11/17/25	1830	3	CFCSR ALS	4	
		5		6	
		7		8	
		9		10	

Data Deliverables: [ ] Standard Lvl 1 [ ] Standard Lvl 2 [ ] Standard Lvl 3 [ ] Standard Lvl 4 [ ] CLP-like [ ] DOD [ ] NJ RED [ ] NJ Full [ ] HSCA [ ] Landfill [ ] NJ GW [ ]
EDDs: [ ] Excel Summary [ ] Equis [ ] Custom
Sample Disposal: [ ] Lab [ ] Special
EDDS: Format Type
State Samples Collected In: [ ] NY [ ] NJ [ ] PA [ ] WV [ ] FL [ ] other

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Visit link for detailed Terms & Conditions: https://www.alsglobal.com/ALSGroupUSACorpTC

Rev. 11/25/2024

Middletown Sample Condition Form

Client: Wsp Workorder: 3413340

Temp °C: 1° Therm ID: 649 Ice? (Y) N N/A Initials & Date: 11/17/25 DB

Fedex UPS Client (ALS) Other Tracking #:

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact			✓	
Sample Custody Seals present & intact			✓	
Chain-of-Custody present	✓			
Sample collector name present *If not present, must contact PM/client to request name.*	✓			
COC/bottle labels complete & in agreement		✓		
•Sample location	✓			
•Date and time of sample collection	✓			
•Type(s) of preservation	✓			
•Number of containers	✓			
•Composite or grab		✓		
•Matrix		✓		WT
Proper containers, preservation, and volume per method	✓			
Received within hold time	✓			
Containers intact	✓			
Trip blanks present (EPA 504, EPA 524)	✓			
Field blanks present (Hg 1631, PFAS)			✓	
NJ ≤ 4 Days			✓	
CR6 Samples Filtered			✓	
OP Samples Filtered			✓	
WV Containers 0-6°C			✓	
SDWA compliance reporting			✓	

[1] *If No, provide comment*

Rad Screen (uCi): _____

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

_____

_____

_____

ENCLOSURE B - CERTIFIED LABORATORY ANALYTICAL REPORT FOR WELL MW-24D SAMPLE (DECEMBER 2025)

Main Site: 301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | www.alsglobal.com
Associated Site: 20 Riverside Drive | Spring City, PA 19475 | Phone: 610-948-4903 |

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **WSP USA Inc.**

Project	KOP Flex- offsite 31405608.011
Workorder	3446740
Report ID	485557 on 1/5/2026 (Revised report. See Project Notations Section.)

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Dec 22, 2025.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Dereck Ciecierski (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
Eric Johnson - WSP USA INC
Erik Reinert - WSP USA Inc
Stevie Henrick - WSP USA Inc.

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Dereck Ciecierski

Dereck Ciecierski *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3446740001	MW-24D	Ground Water	12/19/2025 11:15	12/22/2025 08:47	C	
3446740002	Trip Blank	Ground Water	12/19/2025 00:00	12/22/2025 08:47	C	

Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
  EPA 300.1 Rev. 1.0-1997
  EPA 300.0 Rev. 2.1-1993
  EPA 353.2 Rev. 2.0-1993
  EPA 410.4 Rev. 1.0-1993
  EPA 420.4 Rev. 1.0-1993
  EPA 365.1 Rev. 2.0-1993
  EPA 200.7 Rev. 4.4-1994
  EPA 200.8 Rev. 5.4-1994
  EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.

Project Notations

Sample Notations

Lab ID	Sample ID

Result Notations

Notation Ref.	
1	Bromomethane was recovered outside control limits in the continuing calibration verification associated with this sample. The % recovered was reported at 128%. Acceptable limits are 80-120%.
2	The surrogate 2-Methylnapthalene-d10 for method SW846 8270E SIM was outside of control limits. The % Recovery was reported as 0 and the control limits were 29 to 112. This result was reported at a dilution of 50.
3	The surrogate Fluoranthene-d10 for method SW846 8270E SIM was outside of control limits. The % Recovery was reported as 0 and the control limits were 45 to 130. This result was reported at a dilution of 50.
4	The QC sample type LCS for method SW846 8270E SIM was outside the control limits for the analyte 1,4-Dioxane. The % Recovery was reported as 104 and the control limits were 22 to 75.

Detected Results Summary

Client Sample ID	MW-24D	Collected	12/19/2025 11:15
Lab Sample ID	3446740001	Lab Receipt	12/22/2025 08:47

Compound	Result	Units	RDL	Method	Flag
SEMIVOLATILE SIM					
1,4-Dioxane	120	ug/L	54.3	SW846 8270E SIM	#
VOLATILE ORGANICS					
1,1-Dichloroethane	66.2	ug/L	10.0	SW846 8260D	#
1,1-Dichloroethene	655	ug/L	10.0	SW846 8260D	#

Detected Results Summary

Client Sample ID	Trip Blank	Collected	12/19/2025 00:00
Lab Sample ID	3446740002	Lab Receipt	12/22/2025 08:47

Compound	Result	Units	RDL	Method	Flag
VOLATILE ORGANICS					
Chloroform	11.3	ug/L	1.0	SW846 8260D	#

Results

Client Sample ID	MW-24D	Collected	12/19/2025 11:15
Lab Sample ID	3446740001	Lab Receipt	12/22/2025 08:47

SEMIVOLATILE SIM

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,4-Dioxane	120	4	ug/L	54.3	SW846 8270E SIM	50	12/31/2025 12:32	S7M	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
2-Methylnapthalene-d10	7297-45-2	76.7%	29 – 112	12/31/2025 01:03	
2-Methylnapthalene-d10	7297-45-2	0* %	29 – 112	12/31/2025 12:32	2
Fluoranthene-d10	93951-69-0	90.6%	45 – 130	12/31/2025 01:03	
Fluoranthene-d10	93951-69-0	0* %	45 – 130	12/31/2025 12:32	3

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,1,1-Trichloroethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,1,2,2-Tetrachloroethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,1,2-Trichloroethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,1-Dichloroethane	66.2		ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,1-Dichloroethene	655		ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,1-Dichloropropene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2,3-Trichlorobenzene	20.0 U	U	ug/L	20.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2,3-Trichloropropane	20.0 U	U	ug/L	20.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2,4-Trichlorobenzene	20.0 U	U	ug/L	20.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2-Dibromo-3-chloropropane	70.0 U	U	ug/L	70.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2-Dibromoethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2-Dichlorobenzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2-Dichloroethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,2-Dichloropropane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,3-Dichlorobenzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,3-Dichloropropane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
1,4-Dichlorobenzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
2,2-Dichloropropane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
2-Butanone	100 U	U	ug/L	100	SW846 8260D	10	12/29/2025 14:24	TMP	A
2-Hexanone	50.0 U	U	ug/L	50.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
4-Methyl-2-Pentanone(MIBK)	50.0 U	U	ug/L	50.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Acetone	100 U	U	ug/L	100	SW846 8260D	10	12/29/2025 14:24	TMP	A
Benzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Bromobenzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Bromochloromethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Bromodichloromethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Bromoform	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Bromomethane	10.0 U	U,1	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Carbon Tetrachloride	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Chlorobenzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Chlorodibromomethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Chloroethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A

Results

Client Sample ID	MW-24D	Collected	12/19/2025 11:15
Lab Sample ID	3446740001	Lab Receipt	12/22/2025 08:47

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Chloroform	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Chloromethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
cis-1,2-Dichloroethene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
cis-1,3-Dichloropropene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Dibromomethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Dichlorodifluoromethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Diisopropyl ether	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Ethylbenzene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Hexachlorobutadiene	50.0 U	U	ug/L	50.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Methyl t-Butyl Ether	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Methylene Chloride	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
mp-Xylene	20.0 U	U	ug/L	20.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Naphthalene	20.0 U	U	ug/L	20.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
o-Chlorotoluene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
o-Xylene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
p-Chlorotoluene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
p-Isopropyltoluene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Styrene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Tetrachloroethene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Toluene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Total Xylenes	30.0 U	U	ug/L	30.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
trans-1,2-Dichloroethene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
trans-1,3-Dichloropropene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Trichloroethene	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Trichlorofluoromethane	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Vinyl Acetate	50.0 U	U	ug/L	50.0	SW846 8260D	10	12/29/2025 14:24	TMP	A
Vinyl Chloride	10.0 U	U	ug/L	10.0	SW846 8260D	10	12/29/2025 14:24	TMP	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 – 133	12/29/2025 14:24	
4-Bromofluorobenzene	460-00-4	98.3%	79 – 114	12/29/2025 14:24	
Dibromofluoromethane	1868-53-7	104%	78 – 116	12/29/2025 14:24	
Toluene-d8	2037-26-5	106%	76 – 127	12/29/2025 14:24	

Results

Client Sample ID	Trip Blank	Collected	12/19/2025 00:00
Lab Sample ID	3446740002	Lab Receipt	12/22/2025 08:47

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,1,1-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,1,2,2-Tetrachloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,1,2-Trichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,1-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,1-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,1-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2,3-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2,3-Trichloropropane	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2,4-Trichlorobenzene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2-Dibromo-3-chloropropane	7.0 U	U	ug/L	7.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2-Dibromoethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2-Dichloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,3-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,3-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
1,4-Dichlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
2,2-Dichloropropane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
2-Butanone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
2-Hexanone	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
4-Methyl-2-Pentanone(MIBK)	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Acetone	10.0 U	U	ug/L	10.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Benzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Bromobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Bromochloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Bromodichloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Bromoform	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Bromomethane	1.0 U	U,1	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Carbon Tetrachloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Chlorobenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Chlorodibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Chloroethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Chloroform	11.3		ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Chloromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
cis-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
cis-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Dibromomethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Dichlorodifluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Diisopropyl ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Ethylbenzene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Hexachlorobutadiene	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Methyl t-Butyl Ether	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Methylene Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
mp-Xylene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Naphthalene	2.0 U	U	ug/L	2.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
o-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A

Results

Client Sample ID	Trip Blank	Collected	12/19/2025 00:00
Lab Sample ID	3446740002	Lab Receipt	12/22/2025 08:47

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
o-Xylene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
p-Chlorotoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
p-Isopropyltoluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Styrene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Tetrachloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Toluene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Total Xylenes	3.0 U	U	ug/L	3.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
trans-1,2-Dichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
trans-1,3-Dichloropropene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Trichloroethene	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Trichlorofluoromethane	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Vinyl Acetate	5.0 U	U	ug/L	5.0	SW846 8260D	1	12/29/2025 12:42	TMP	A
Vinyl Chloride	1.0 U	U	ug/L	1.0	SW846 8260D	1	12/29/2025 12:42	TMP	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	98.6%	62 – 133	12/29/2025 12:42	
4-Bromofluorobenzene	460-00-4	100%	79 – 114	12/29/2025 12:42	
Dibromofluoromethane	1868-53-7	101%	78 – 116	12/29/2025 12:42	
Toluene-d8	2037-26-5	103%	76 – 127	12/29/2025 12:42	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3446740001	MW-24D	SW846 8270E SIM	SW846 3510C	
		SW846 8260D	N/A	
3446740002	Trip Blank	SW846 8260D	N/A	

QUALITY CONTROL SAMPLES

SEMIVOLATILE SIM

QC Batch

QC Batch	1498513	Prep Method	SW846 3510C
Date	12/24/2025 14:30	Analysis Method	SW846 8270E SIM
Tech.	ZAC		

Associated Samples

3446740001

Method Blank 4078567 (MB) Created on 12/24/2025 09:28 For QC Batch 1498513

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
1,4-Dioxane	123-91-1	BLK	1.0 U	ug/L	1.0	U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	BLK	0.79	1	79.5	29 - 112	
Fluoranthene-d10	93951-69-0	BLK	0.97	1	96.6	45 - 130	

Lab Control Standard 4078568 (LCS) Created on 12/24/2025 09:28 For QC Batch 1498513

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,4-Dioxane	123-91-1	LCS	1		1	104*	22 - 75		

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
2-Methylnapthalene-d10	7297-45-2	LCS	0.88	1	87.9	29 - 112	
Fluoranthene-d10	93951-69-0	LCS	0.99	1	98.8	45 - 130	

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS

QC Batch

QC Batch	1499481	Prep Method	N/A
Date	N/A	Analysis Method	SW846 8260D
Tech.			

Associated Samples

3446740001 3446740002

Method Blank 4079282 (MB) Created on 12/29/2025 10:57 For QC Batch 1499481

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	BLK	1.0 U	ug/L	1.0	U
1,1,1-Trichloroethane	71-55-6	BLK	1.0 U	ug/L	1.0	U
1,1,2,2-Tetrachloroethane	79-34-5	BLK	1.0 U	ug/L	1.0	U
1,1,2-Trichloroethane	79-00-5	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloroethane	75-34-3	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloroethene	75-35-4	BLK	1.0 U	ug/L	1.0	U
1,1-Dichloropropene	563-58-6	BLK	1.0 U	ug/L	1.0	U
1,2,3-Trichlorobenzene	87-61-6	BLK	2.0 U	ug/L	2.0	U
1,2,3-Trichloropropane	96-18-4	BLK	2.0 U	ug/L	2.0	U
1,2,4-Trichlorobenzene	120-82-1	BLK	2.0 U	ug/L	2.0	U
1,2-Dibromo-3-chloropropane	96-12-8	BLK	7.0 U	ug/L	7.0	U
1,2-Dibromoethane	106-93-4	BLK	1.0 U	ug/L	1.0	U
1,2-Dichlorobenzene	95-50-1	BLK	1.0 U	ug/L	1.0	U
1,2-Dichloroethane	107-06-2	BLK	1.0 U	ug/L	1.0	U
1,2-Dichloropropane	78-87-5	BLK	1.0 U	ug/L	1.0	U
1,3-Dichlorobenzene	541-73-1	BLK	1.0 U	ug/L	1.0	U
1,3-Dichloropropane	142-28-9	BLK	1.0 U	ug/L	1.0	U
1,4-Dichlorobenzene	106-46-7	BLK	1.0 U	ug/L	1.0	U
2,2-Dichloropropane	594-20-7	BLK	1.0 U	ug/L	1.0	U
2-Butanone	78-93-3	BLK	10.0 U	ug/L	10.0	U
2-Hexanone	591-78-6	BLK	5.0 U	ug/L	5.0	U
4-Methyl-2-Pentanone(MIBK)	108-10-1	BLK	5.0 U	ug/L	5.0	U
Acetone	67-64-1	BLK	10.0 U	ug/L	10.0	U
Benzene	71-43-2	BLK	1.0 U	ug/L	1.0	U
Bromobenzene	108-86-1	BLK	1.0 U	ug/L	1.0	U
Bromochloromethane	74-97-5	BLK	1.0 U	ug/L	1.0	U
Bromodichloromethane	75-27-4	BLK	1.0 U	ug/L	1.0	U
Bromoform	75-25-2	BLK	1.0 U	ug/L	1.0	U
Bromomethane	74-83-9	BLK	1.0 U	ug/L	1.0	U
Carbon Tetrachloride	56-23-5	BLK	1.0 U	ug/L	1.0	U
Chlorobenzene	108-90-7	BLK	1.0 U	ug/L	1.0	U
Chlorodibromomethane	124-48-1	BLK	1.0 U	ug/L	1.0	U
Chloroethane	75-00-3	BLK	1.0 U	ug/L	1.0	U
Chloroform	67-66-3	BLK	1.0 U	ug/L	1.0	U
Chloromethane	74-87-3	BLK	1.0 U	ug/L	1.0	U
cis-1,2-Dichloroethene	156-59-2	BLK	1.0 U	ug/L	1.0	U
cis-1,3-Dichloropropene	10061-01-5	BLK	1.0 U	ug/L	1.0	U
Dibromomethane	74-95-3	BLK	1.0 U	ug/L	1.0	U
Dichlorodifluoromethane	75-71-8	BLK	1.0 U	ug/L	1.0	U

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
Diisopropyl ether	108-20-3	BLK	1.0 U	ug/L	1.0	U
Ethylbenzene	100-41-4	BLK	1.0 U	ug/L	1.0	U
Hexachlorobutadiene	87-68-3	BLK	5.0 U	ug/L	5.0	U
Methyl t-Butyl Ether	1634-04-4	BLK	1.0 U	ug/L	1.0	U
Methylene Chloride	75-09-2	BLK	1.0 U	ug/L	1.0	U
mp-Xylene	108383/106423	BLK	2.0 U	ug/L	2.0	U
Naphthalene	91-20-3	BLK	2.0 U	ug/L	2.0	U
o-Chlorotoluene	95-49-8	BLK	1.0 U	ug/L	1.0	U
o-Xylene	95-47-6	BLK	1.0 U	ug/L	1.0	U
p-Chlorotoluene	106-43-4	BLK	1.0 U	ug/L	1.0	U
p-Isopropyltoluene	99-87-6	BLK	1.0 U	ug/L	1.0	U
Styrene	100-42-5	BLK	1.0 U	ug/L	1.0	U
Tetrachloroethene	127-18-4	BLK	1.0 U	ug/L	1.0	U
Toluene	108-88-3	BLK	1.0 U	ug/L	1.0	U
Total Xylenes	1330-20-7	BLK	3.0 U	ug/L	3.0	U
trans-1,2-Dichloroethene	156-60-5	BLK	1.0 U	ug/L	1.0	U
trans-1,3-Dichloropropene	10061-02-6	BLK	1.0 U	ug/L	1.0	U
Trichloroethene	79-01-6	BLK	1.0 U	ug/L	1.0	U
Trichlorofluoromethane	75-69-4	BLK	1.0 U	ug/L	1.0	U
Vinyl Acetate	108-05-4	BLK	5.0 U	ug/L	5.0	U
Vinyl Chloride	75-01-4	BLK	1.0 U	ug/L	1.0	U

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	BLK	29.7	30	99.1	62 - 133	
4-Bromofluorobenzene	460-00-4	BLK	30.6	30	102	79 - 114	
Dibromofluoromethane	1868-53-7	BLK	30.5	30	102	78 - 116	
Toluene-d8	2037-26-5	BLK	31.3	30	104	76 - 127	

Lab Control Standard 4079283 (LCS) Created on 12/29/2025 10:57 For QC Batch 1499481

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,1,1,2-Tetrachloroethane	630-20-6	LCS	21.2		20	106	78 - 121		
1,1,1-Trichloroethane	71-55-6	LCS	20.4		20	102	66 - 130		
1,1,2,2-Tetrachloroethane	79-34-5	LCS	21.4		20	107	74 - 135		
1,1,2-Trichloroethane	79-00-5	LCS	21		20	105	82 - 126		
1,1-Dichloroethane	75-34-3	LCS	20.5		20	103	78 - 124		
1,1-Dichloroethene	75-35-4	LCS	17.5		20	87.7	63 - 128		
1,1-Dichloropropene	563-58-6	LCS	19.7		20	98.3	76 - 126		
1,2,3-Trichlorobenzene	87-61-6	LCS	19.8		20	99	61 - 126		
1,2,3-Trichloropropane	96-18-4	LCS	20.6		20	103	75 - 132		
1,2,4-Trichlorobenzene	120-82-1	LCS	21.7		20	108	67 - 123		
1,2-Dibromo-3-chloropropane	96-12-8	LCS	19.2		20	95.8	59 - 133		

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
1,2-Dibromoethane	106-93-4	LCS	21		20	105	80 - 124		
1,2-Dichlorobenzene	95-50-1	LCS	21.9		20	109	82 - 118		
1,2-Dichloroethane	107-06-2	LCS	18.7		20	93.6	70 - 133		
1,2-Dichloropropane	78-87-5	LCS	20.4		20	102	81 - 127		
1,3-Dichlorobenzene	541-73-1	LCS	20.3		20	102	81 - 118		
1,3-Dichloropropane	142-28-9	LCS	20.6		20	103	82 - 126		
1,4-Dichlorobenzene	106-46-7	LCS	20		20	99.9	81 - 116		
2,2-Dichloropropane	594-20-7	LCS	20.8		20	104	64 - 129		
2-Butanone	78-93-3	LCS	105		100	105	50 - 152		
2-Hexanone	591-78-6	LCS	106		100	106	65 - 154		
4-Methyl-2-Pentanone(MIBK)	108-10-1	LCS	113		100	113	71 - 146		
Acetone	67-64-1	LCS	99.2		100	99.2	40 - 151		
Benzene	71-43-2	LCS	20		20	100	80 - 124		
Bromobenzene	108-86-1	LCS	20.8		20	104	81 - 119		
Bromochloromethane	74-97-5	LCS	21.8		20	109	73 - 117		
Bromodichloromethane	75-27-4	LCS	21.1		20	105	79 - 126		
Bromoform	75-25-2	LCS	21.3		20	106	70 - 123		
Bromomethane	74-83-9	LCS	27.4		20	137	45 - 148		
Carbon Tetrachloride	56-23-5	LCS	20.6		20	103	62 - 132		
Chlorobenzene	108-90-7	LCS	19.8		20	99.1	85 - 117		
Chlorodibromomethane	124-48-1	LCS	20.5		20	103	77 - 122		
Chloroethane	75-00-3	LCS	20.3		20	102	51 - 142		
Chloroform	67-66-3	LCS	18.2		20	90.9	78 - 122		
Chloromethane	74-87-3	LCS	22.9		20	115	38 - 156		
cis-1,2-Dichloroethene	156-59-2	LCS	19.9		20	99.6	78 - 125		
cis-1,3-Dichloropropene	10061-01-5	LCS	21.8		20	109	81 - 121		
Dibromomethane	74-95-3	LCS	19.9		20	99.7	81 - 125		
Dichlorodifluoromethane	75-71-8	LCS	21.4		20	107	17 - 166		
Diisopropyl ether	108-20-3	LCS	19.7		20	98.6	74 - 131		
Ethylbenzene	100-41-4	LCS	20.1		20	101	80 - 124		
Hexachlorobutadiene	87-68-3	LCS	23.3		20	117	55 - 128		
Methyl t-Butyl Ether	1634-04-4	LCS	19.7		20	98.4	69 - 115		
Methylene Chloride	75-09-2	LCS	19		20	94.9	76 - 121		
mp-Xylene	108383/106423	LCS	40.8		40	102	79 - 125		
Naphthalene	91-20-3	LCS	19.4		20	96.8	56 - 134		
o-Chlorotoluene	95-49-8	LCS	21.2		20	106	78 - 126		
o-Xylene	95-47-6	LCS	20.7		20	103	79 - 124		
p-Chlorotoluene	106-43-4	LCS	20.9		20	105	78 - 125		
p-Isopropyltoluene	99-87-6	LCS	22.5		20	113	72 - 123		
Styrene	100-42-5	LCS	21.7		20	109	79 - 123		
Tetrachloroethene	127-18-4	LCS	20.1		20	100	72 - 124		
Toluene	108-88-3	LCS	20.2		20	101	80 - 125		
Total Xylenes	1330-20-7	LCS	61.5		60	102	79 - 125		
trans-1,2-Dichloroethene	156-60-5	LCS	18.8		20	93.9	71 - 122		
trans-1,3-Dichloropropene	10061-02-6	LCS	22.6		20	113	78 - 126		
Trichloroethene	79-01-6	LCS	19.4		20	97.1	77 - 124		
Trichlorofluoromethane	75-69-4	LCS	20.9		20	105	38 - 123		

QUALITY CONTROL SAMPLES

VOLATILE ORGANICS (cont.)

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Vinyl Acetate	108-05-4	LCS	20.9		20	105	58 - 136		
Vinyl Chloride	75-01-4	LCS	21.5		20	108	27 - 138		

SURROGATES

Compound	CAS No		Result (ug/L)	Expected (ug/L)	Rec. (%)	Limits (%)	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	LCS	30.2	30	101	62 - 133	
4-Bromofluorobenzene	460-00-4	LCS	30.3	30	101	79 - 114	
Dibromofluoromethane	1868-53-7	LCS	30.9	30	103	78 - 116	
Toluene-d8	2037-26-5	LCS	30.6	30	102	76 - 127	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3446740001	MW-24D	SW846 3510C	1498513	12/24/2025 14:30	ZAC	SW846 8270E SIM	1499724
		SW846 3510C	1498513	12/24/2025 14:30	ZAC	SW846 8270E SIM	1500766
		N/A	N/A	N/A		SW846 8260D	1499481
3446740002	Trip Blank	N/A	N/A	N/A		SW846 8260D	1499481

301 Fulling Mill Rd, Suite A
Middletown, PA 17057
P. 717-944-5541

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: 3446740 Logged By: GRD PM: DXC

ALS Quot

of

Client Name: WSP

Address: 13530 Dulles Technology Dr. Ste 300 Herndon, VA

Contact: Eric Johnson

Phone#: (703) 318-3936

Project Name/#: KopFlex - offsite 31405608.011

Bill To:

Purchase Order #: P 142985 US 001

TAT: [✓] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALS approval and surcharges.

Date Required: Approved?

Email? [ ] eric.johnson@wsp.com

Container Type	G	A
Container Size	40 mL	250 mL
Preservative	HCl	unP

MVB 12-22-25

Orthophosphate Filtered? Yes No Hexavalent Chromium Filtered? Yes No

ANALYSIS / METHOD REQUESTED: VOCs 8260D; 1,4 dioxane 8270

Temp°C	Therm ID	On Ice
3	569	(Y) N

Sample(s) for Radiation testing? Y N

Reportable SDWA Sample(s)? Y N

SDWA State of Origin

PWSID#

PWS Contact

PWS Phone#

New Source? Y N

New Source Contact:

#	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	SDWA Sample Type (see key)	*G or C	**Matrix (See bottom of COC)	VOCs 8260D	1,4 dioxane 8270
1	MW-24D	12/19/25	1115		G	GW	3	2
2	trip blank	12-19-25	9:35				3	
3								
4								
5								
6								
7								
8								
9								
10								

Enter Number of Containers Per Sample or Field Results Below.

MVB 12-22-25 added time/date from bottle

SDWA Sample Type Key:

D=Distribution E=Entry Point R=Raw P=Plant C=Check S=Special A=Annual Startup

Comments

Circle Sample Collector: ALS Tech / Client

Name: ID:

Comments:

Date:	Time		Relinquished By / Company Name		Received By / Company Name
		1		2	FedEx
12-22-25	8:47	3	FedEx	4	Taylor Wells ALS
		5		6	
		7		8	
		9		10	

Data Deliverables: [ ] Standard Lvl 1 [ ] Standard Lvl 2 [ ] Standard Lvl 3 [ ] Standard Lvl 4 [ ] CLP-like [ ] DOD [ ] NJ RED [ ] NJ Full [ ] HSCA [ ] Landfill [ ] NJ GW [ ] ____

EDDs: [ ] Excel Summary [ ] Equis [ ] Custom

Sample Disposal: Lab [ ] Special [ ]

EDDS: Format Type ____

State Samples Collected In: [ ] NY [ ] NJ [ ] PA [ ] WV [ ] FL other ____

* G=Grab; C=Composite **Matrix - A=Air; D=Drinking Water; GW=Groundwater; O=Oil; LW=Liquid Waste; S=Solid/Soil/Sludge; SW=Surface Water; WP=Wipe; WW=Wastewater

Rev. 11/25/2024

right solutions. right partner.

Middletown Sample Condition Form

Client WSP Workorder 3446740

Temp °C 3° Therm ID 564 Ice? (Y) N N/A Initials & Date MVG 12-22-25

Fedex UPS Client ALS Other Tracking # 8872 8421 1082

	Yes	No[1]	N/A	Comments
Cooler Custody Seals present & intact	✓			
Sample Custody Seals present & intact			✓	
Chain-of-Custody present	✓			
Sample collector name present *If not present, must contact PM/client to request name.*		✓		PM
COC/bottle labels complete & in agreement		✓		
•Sample location	✓			
•Date and time of sample collection		✓		UC
•Type(s) of preservation		✓		UC
•Number of containers	✓			
•Composite or grab	✓			
•Matrix	✓			
Proper containers, preservation, and volume per method	✓			
Received within hold time	✓			
Containers intact	✓			
Trip blanks present (EPA 504, EPA 524)	X			
Field blanks present (Hg 1631, PFAS)				
NJ ≤ 4 Days				
CR6 Samples Filtered				
OP Samples Filtered				
WV Containers 0-6°C				
SDWA compliance reporting				

[1] *If No, provide comment*

Rad Screen (uCi) —

PM - PM to contact client
N/A - Not Applicable
UC - Updated coc with missing information

Review Comments:

ENCLOSURE C – HISTORICAL GROUNDWATER SAMPLING RESULTS (2015 THROUGH 2025)

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
Shallow Zone Lower Patapsco Wells (b)											
MW-25 (c)	3/19/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	6/24/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/23/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	1/6/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	3/23/2016	1.0 U	1.0 U	1.0 U	1.5	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	7/20/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/8/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	**11.7**	1.0 U	1.0 U	1.0 U
	2/13/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/30/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
MW-28 (c)	3/17/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	6/23/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/22/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	1/5/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	3/22/2016	1.0 U	1.0 U	1.0 U	6.2	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	7/19/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/7/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	2/14/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/30/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-45	3/24/2017	1.0 U	1.0 U	1.9	1.0 U	2.3	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/28/2018	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/8/2020	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	7/14/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Deep Zone Lower Patapsco Wells											
MW-24D	3/22/2016	12.5 U	**88.0**	**15.7**	**1,780**	12.5 U	**561**	**39.4**	38.6	12.5 U	12.5 U
	12/8/2016	5.0 U	**36.1**	**5.2**	**701**	5.0 U	**192**	10.0 U	9.0	5.0 U	5.0 U
	5/2/2017	5.0 U	**40.4**	**5.6**	**830**	5.0 U	**216**	10.0 U	10.2	5.0 U	5.0 U
	11/14/2017	5.0 U	**28.1**	3.4	**803**	2.3	**212**	**11.7**	10.5	0.5 J	**5.9**
	5/30/2018	4.0 U	**26.6**	4.0 U	**529**	4.0 U	**187**	8.0 U	5.5	4.0 U	4.0 U
	11/7/2018	5.0 U	**29.8**	5.0 U	**560**	5.0 U	2.0 U	10.0 U	5.0 U	5.0 U	5.0 U
	5/22/2019	10.0 U	**66.2**	10.0 U	**1,190**	10.0 U	**359**	50.0 U	18.0	10.0 U	10.0 U
	11/19/2019	5.0 U	**54.5**	**6.6**	**868**	5.0 U	**155**	25.0 U	10.0	5.0 U	6.0 U
	5/12/2020	2.5 U	**25.0**	3.3	**402**	5.0 U	**139**	25.0 U	3.7	5.0 U	3.2
	11/23/2020	4.0 U	**73.5**	4.0 U	**505**	4.0 U	**208**	20.0 U	4.4	4.0 U	4.0 U
	5/10/2021	6.2	**151**	**6.3**	**788**	7.2	**299**	25.0 U	10.9	5.0 U	5.0 U
	11/15/2021	10.0 U	**142**	10.0 U	**1,300**	10.0 U	**475**	25.0 U	16.1	5.0 U	5.0 U
	6/27/2022	3.6	**142**	**7.4**	**1,490**	6.9	**165**	1.0 U	18.5	1.0	**8.6**
	11/21/2022	2.8	**114**	**7.5**	**1,020**	5.5	**148**	1.0 U	15.3	1.2	**7.7**
	7/14/2023	1.6	**110**	**7.1**	**954**	4.8	**90**	10.0 U	14.8	1.1	**7.3**
	12/4/2023	10.0 U	**88.1**	10.0 U	**1,130**	10.0 U	**102**	10.0 U	11.9	10.0 U	10.0 U
	5/20/2024	10.0 U	**76.8**	10.0 U	**999**	10.0 U	**78**	10.0 U	10.0 U	10.0 U	10.0 U
	11/11/2024	10.0 U	**73.8**	10.0 U	**947**	10.0 U	**160**	10.0 U	10.0 U	10.0 U	10.0 U
	6/16/2025	10.0 U	**82.3**	10.0 U	**871**	10.0 U	**165**	10.0 U	10.0 U	10.0 U	10.0 U
	12/19/2025	10.0 U	**66.2**	10.0 U	**655**	10.0 U	**120**	10.0 U	10.0 U	10.0 U	10.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-25D-130	3/19/2015	10.0 U	**38.6**	**10.8**	**854**	10.0 U	**446**	200 U	**8,930**	100.0 U	100.0 U
	6/24/2015	1.0 U	**37.1**	**8.9**	**1,030**	4.6	**303**	2.0 U	46.3	1.2	**6.8**
	9/23/2015	10.0 U	**29.7**	10.0 U	**697**	10.0 U	**295**	20.0 U	32.3	10.0 U	**14.2**
	1/7/2016	5.0 U	**33.4**	**9.7**	**800**	5.0 U	**398**	10.0 U	5.0 U	5.0 U	**6.1**
	3/23/2016	5.0 U	**24.5**	**8.0**	**676**	5.0 U	**302**	10.0 U	26.2	5.0 U	**5.0**
	7/19/2016	10.0 U	**39.3**	**10.2**	**1,090**	4.9 J	**367**	14.3 J	37.0	10.0 U	**6.5** J
	9/9/2016	5.0 U	**27.9**	**6.4**	**661**	5.0 U	**241**	**12.0**	25.0	5.0 U	5.0 U
	12/8/2016	1.0 U	**6.7**	1.5	**171**	1.0 U	**13.6**	2.0 U	6.9	1.0 U	1.0 U
	2/21/2017	1.0 U	**7.2**	1.7	**194**	1.0 U	**69.1**	2.0 U	7.0	1.0 U	1.2
	5/2/2017	2.0 U	**6.5**	2.0 U	**174**	2.0 U	**61.0**	4.0 U	5.0	2.0 U	2.0 U
	8/31/2017	2.0 U	**7.4**	1.7	**193**	2.0 U	**57.9**	4.0 U	6.9	2.0 U	2.0 U
	11/14/2017	2.0 U	**5.1**	1.3	**151**	0.6 J	**58.5**	5.0 U	6.4	1.0 U	1.1
	2/13/2018	2.0 U	**6.3**	2.0 U	**154**	2.0 U	**67.1**	5.0 U	6.4	1.0 U	1.0 U
	5/30/2018	2.0 U	**5.0**	1.4	**144**	2.0 U	**53.9**	5.0 U	5.3	1.0 U	1.0 U
	11/8/2018	2.0 U	**4.4**	1.1	**109**	2.0 U	**40.2**	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	**3.7**	1.0 U	**96.2**	1.0 U	**38.4**	5.0 U	4.2	1.0 U	1.0 U
	11/19/2019	1.0 U	2.7	1.0 U	**62.1**	1.0 U	**31.0**	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	**3.3**	1.0 U	**69.1**	1.0 U	**32.6**	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	**3.3**	1.0 U	**76.0**	1.0 U	**32.4**	5.0 U	4.9	1.0 U	1.0 U
	5/10/2021	1.0 U	**3.0**	1.0 U	**50.8**	1.0 U	**30.2**	5.0 U	3.1	1.0 U	1.0 U
	12/27/2021	1.0 U	**3.0**	1.0 U	**45.5**	1.0 U	**29.1**	5.0 U	3.3	1.0 U	1.0 U
	6/27/2022	1.0 U	**4.2**	1.0 U	**65.6**	1.0 U	**15.6**	1.0 U	5.0	1.0 U	1.0 U
	11/21/2022	1.0 U	**5.5**	1.0 U	**80.2**	1.0 U	**16.1**	1.0 U	5.6	1.0 U	1.0 U
Duplicate	11/21/2022	1.0 U	**5.3**	1.0 U	**76.2**	1.0 U	**19.1**	1.0 U	5.6	1.0 U	1.0 U
	5/22/2023	1.0 U	**4.3**	1.0 U	**52.0**	1.0 U	**21.3**	1.0 U	4.5	1.0 U	1.0 U
Duplicate	5/22/2023	1.0 U	**5.0**	1.0 U	**60.0**	1.0 U	**21.0**	1.0 U	5.2	1.0 U	1.0 U
	12/4/2023	10.0 U	**6.9**	1.1	**110**	1.0 U	**28.4**	1.0 U	6.2	1.0 U	1.0 U
Duplicate	12/4/2023	10.0 U	**5.9**	1.0 U	**100**	1.0 U	**23.7**	1.0 U	5.6	1.0 U	1.0 U
	5/20/2024	1.0 U	**7.2**	1.4	**123**	1.0 U	**16.4**	1.0 U	6.8	1.0 U	1.0 U
Duplicate	5/20/2024	1.0 U	**5.0**	1.2	**104**	1.0 U	**14.7**	1.0 U	5.8	1.0 U	1.0 U
	11/26/2024	1.0 U	**6.8**	1.0	**91.5**	1.0 U	**21.4**	1.0 U	6.1	1.0 U	1.0 U
Duplicate	11/26/2024	1.0 U	**6.7**	1.1	**88.9**	1.0 U	**23.6**	1.0 U	5.8	1.0 U	1.0 U
	6/16/2025	1.0 U	**7.9**	1.0 U	**90.8**	1.0 U	**19.8**	1.0 U	6.1	1.0 U	1.0 U
Duplicate	6/16/2025	1.0 U	**8.4**	1.1	**95.5**	1.0 U	**20.5**	1.0 U	6.4	1.0 U	1.0 U
	11/17/2025	1.0 U	**5.7**	1.1	**66.6**	1.0 U	**32.8**	1.0 U	5.9	1.0 U	1.0 U
Duplicate	11/17/2025	1.0 U	**8.2**	1.1	**102**	1.0 U	**25.6**	1.0 U	6.5	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-25D-192	3/19/2015	1.0 U	**11.7**	1.0 U	**53.0**	1.0 U	**49.4**	2.0 U	13.7	1.0 U	1.0 U
	6/25/2015	1.0 U	**11.9**	1.0 U	**59.4**	1.0 U	**39.8**	2.0 U	14.2	1.0 U	1.0 U
	9/22/2015	1.0 U	**13.9**	1.0 U	**51.4**	1.0 U	**45.0**	2.0 U	12.9	1.0 U	1.3
	1/7/2016	1.0 U	**11.7**	1.0 U	**47.2**	1.0 U	**41.7**	2.0 U	12.5	1.0 U	1.0 U
	3/23/2016	1.0 U	**10.3**	1.0 U	**43.3**	1.0 U	**42.2**	2.0 U	11.3	1.0 U	1.0 U
	7/20/2016	1.0 U	**11.7**	0.73 J	**54.9**	1.0 U	**54.4**	2.0 U	11.1	1.0 U	1.0 U
	9/8/2016	1.0 U	**12.9**	1.0 U	**56.8**	1.0 U	**39.3**	2.0 U	12.6	1.0 U	1.0 U
	12/8/2016	1.0 U	**16.1**	1.0 U	**64.6**	1.0 U	**51.3**	2.0 U	13.3	1.0 U	1.0 U
	2/21/2017	1.0 U	**14.0**	1.0 U	**63.3**	1.0 U	**52.1**	2.0 U	11.6	1.0 U	1.0 U
	5/2/2017	1.0 U	**16.9**	1.0 U	**81.0**	1.0 U	**53.1**	2.0 U	13.5	1.0 U	1.0 U
	8/31/2017	1.0 U	**15.7**	1.0 U	**62.5**	1.0 U	**44.3**	2.0 U	13.1	1.0 U	1.0 U
	11/14/2017	5.0 U	**13.6**	0.67 J	**67.2**	1.0 U	**56.7**	5.0 U	13.6	1.0 U	1.0 U
	2/13/2018	5.0 U	**13.7**	1.0 U	**69.2**	1.0 U	**42.7**	5.0 U	11.0	1.0 U	1.0 U
	5/30/2018	5.0 U	**10.8**	1.0 U	**58.3**	1.0 U	**50.8**	5.0 U	7.2	1.0 U	1.0 U
	11/8/2018	5.0 U	**13.7**	1.0 U	**61.0**	1.0 U	**49.3**	5.0 U	9.8	1.0 U	1.0 U
	5/22/2019	1.0 U	**11.8**	1.0 U	**51.7**	1.0 U	**36.7**	5.0 U	8.5	1.0 U	1.0 U
	11/19/2019	1.0 U	**12.6**	1.0 U	**53.2**	1.0 U	**41.1**	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	**12.8**	1.0 U	**58.0**	1.0 U	**41.1**	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	**11.3**	1.0 U	**46.9**	1.0 U	**41.5**	5.0 U	5.8	1.0 U	1.0 U
	5/10/2021	1.0 U	**6.5**	1.0 U	**28.3**	1.0 U	**22.6**	5.0 U	3.2	1.0 U	1.0 U
	12/27/2021	1.0 U	**6.2**	1.0 U	**26.0**	1.0 U	**21.6**	5.0 U	3.4	1.0 U	1.0 U
	6/27/2022	1.0 U	**8.8**	1.0 U	**37.3**	1.0 U	**11.6**	1.0 U	4.7	1.0 U	1.0 U
	11/21/2022	1.0 U	**7.3**	1.0 U	**29.1**	1.0 U	**10.2**	1.0 U	3.7	1.0 U	1.0 U
	5/22/2023	1.0 U	**7.1**	1.0 U	**30.1**	1.0 U	**9.0**	1.0 U	3.6	1.0 U	1.0 U
	12/4/2023	1.0 U	**8.4**	1.0 U	**36.5**	1.0 U	**9.4**	1.0 U	3.9	1.0 U	1.0 U
	5/20/2024	1.0 U	**5.0**	1.0 U	**19.5**	1.0 U	**6.4**	1.0 U	2.5	1.0 U	1.0 U
	12/16/2024	1.0 U	**4.9**	1.0 U	**20.4**	1.0 U	**6.8**	1.0 U	2.1	1.0 U	1.0 U
	6/16/2025	1.0 U	**5.6**	1.0 U	**24.2**	1.0 U	**6.8**	1.0 U	2.3	1.0 U	1.0 U
	11/17/2025	1.0 U	**5.3**	1.0 U	**24.1**	1.0 U	**11.2**	1.0 U	2.1	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-28D	3/17/2015	1.0 U	1.0 U	1.0 U	**10.6**	1.0 U	**5.0**	2.0 U	1.0 U	1.0 U	1.0 U
	6/23/2015	1.0 U	1.0 U	1.0 U	**12.8**	1.0 U	4.5	2.0 U	1.0 U	1.0 U	1.0 U
	9/22/2015	1.0 U	1.0 U	1.0 U	**14.3**	1.0 U	4.4	2.0 U	1.0 U	1.0 U	1.0 U
	1/5/2016	1.0 U	1.0 U	1.0 U	**11.5**	1.0 U	**5.5**	2.0 U	1.0 U	1.0 U	1.0 U
	3/23/2016	1.0 U	1.0 U	1.0 U	**9.1**	1.0 U	4.0	2.0 U	1.0 U	1.0 U	1.0 U
	7/19/2016	1.0 U	1.0 U	0.25 J	**10.1**	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/7/2016	1.0 U	1.0 U	1.0 U	**12.0**	1.0 U	**5.0**	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	6.3	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	4.6	1.0 U	3.0	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	5.8	1.0 U	2.7	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	5.0	1.0 U	2.7	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	5.5	1.0 U	3.5	5.0 U	1.0 U	1.0 U	1.0 U
	2/14/2018	5.0 U	1.0 U	1.0 U	4.3	1.0 U	2.8	5.0 U	1.0 U	1.0 U	1.0 U
	5/30/2018	5.0 U	1.0 U	1.0 U	6.1	1.0 U	2.4	5.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	5.0 U	1.0 U	1.0 U	6.9	1.0 U	2.3	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	5.2	1.0 U	3.5	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	6.1	1.0 U	3.9	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	4.0	1.0 U	3.4	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	**7.6**	1.0 U	4.2	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	**10.0**	1.0 U	4.3	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	**8.1**	1.0 U	**5.1**	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	4.0	1.0 U	2.1	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	6.2	1.0 U	3.1	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	**8.3**	1.0 U	1.8	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	**13.3**	1.0 U	3.8	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	**13.2**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	**12.2**	1.0 U	4.6	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	**17.9**	1.0 U	4.3	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	**9.3**	1.0 U	4.2	1.0 U	1.0 U	1.0 U	1.0 U
MW-29D	5/21/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	8/23/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	2/19/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.5 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U

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Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-30D-273	5/31/2018	5.0 U	1.0 U	1.0 U	**27.4**	1.0 U	**16.4**	5.0 U	1.0 U	1.0 U	1.0 U
	8/23/2018	5.0 U	1.0	1.0 U	**40.7**	1.0 U	**24.5**	5.0 U	1.7	1.0 U	1.0 U
	11/8/2018	5.0 U	1.2	1.0 U	**44.0**	1.0 U	**22.2**	5.0 U	2.1	1.0 U	1.0 U
	2/19/2019	1.0 U	1.1	1.0 U	**47.2**	1.0 U	**23.1**	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.1	1.0 U	**44.2**	1.0 U	**22.7**	5.0 U	2.0	1.0 U	1.0 U
	11/20/2019	1.0 U	1.1	1.0 U	**43.3**	1.0 U	**22.8**	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0	1.0 U	**42.7**	1.0 U	**20.9**	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0	1.0 U	**39.5**	1.0 U	**19.5**	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0	1.0 U	**36.9**	1.0 U	**18.2**	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0	1.0 U	**34.1**	1.0 U	**16.6**	5.0 U	1.4	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	**34.5**	1.0 U	**7.5**	1.0 U	1.3	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	**31.3**	1.0 U	**7.0**	1.0 U	1.2	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	**35.1**	1.0 U	**8.0**	1.0 U	1.4	1.0 U	1.0 U
	12/4/2023	1.0 U	1.3	1.0 U	**51.0**	1.0 U	**9.6**	1.0 U	1.7	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	**30.6**	1.0 U	**7.1**	1.0 U	1.3	1.0 U	1.0 U
	11/11/2024	1.0 U	1.3	1.0 U	**50.7**	1.0 U	**11.7**	1.0 U	1.7	1.0 U	1.0 U
	6/16/2025	1.0 U	2.0	1.0 U	**77.2**	1.0 U	**16.6**	1.0 U	2.4	1.0 U	1.0 U
	11/17/2025	1.0 U	1.8	1.0 U	**61.2**	1.0 U	**20.1**	1.0 U	2.1	1.0 U	1.0 U
MW-31D	3/17/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	6/24/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/22/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	1/6/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	3/21/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	7/19/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/6/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	2/14/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/31/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/2/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.1 U	1.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-31D	11/21/2022	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
(continued)	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/12/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/26/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MW-32D	5/31/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	8/23/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	2/19/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.2 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	5/20/2024	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-33D-235	3/18/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	6/23/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/21/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	1/4/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	3/21/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0	2.0 U	1.0 U	1.0 U	1.0 U
	7/18/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/7/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.3	**12.0**	1.0 U	1.0 U	1.0 U
	2/13/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/31/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.1 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-33D-295	3/18/2015	1.0 U	1.0 U	1.0 U	4.6	1.0 U	**8.0**	2.0 U	1.0 U	1.0 U	1.0 U
	6/23/2015	1.0 U	1.0 U	1.0 U	3.3	1.0 U	**6.8**	2.0 U	1.0 U	1.0 U	1.0 U
	9/21/2015	1.0 U	1.0 U	1.0 U	4.8	1.0 U	**6.8**	2.0 U	1.0 U	1.0 U	1.0 U
	1/4/2016	1.0 U	1.0 U	1.0 U	3.7	1.0 U	**7.6**	2.0 U	1.0 U	1.0 U	1.0 U
	3/21/2016	1.0 U	1.0 U	1.0 U	3.9	1.0 U	**7.8**	2.0 U	1.0 U	1.0 U	1.0 U
	7/18/2016	1.0 U	1.0 U	0.36 J	3.2	1.0 U	**5.1**	2.0 U	1.0 U	1.0 U	1.0 U
	9/7/2016	1.0 U	1.0 U	1.0 U	3.8	1.0 U	**7.4**	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	5.4	1.0 U	**7.4**	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	4.0	1.0 U	**6.8**	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	5.3	1.0 U	**7.4**	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	5.6	1.0 U	**6.3**	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	3.4	1.0 U	**9.7**	**11.5**	0.49 J	1.0 U	1.0 U
	2/13/2018	5.0 U	1.0 U	1.0 U	4.6	1.0 U	**6.9**	2.0 U	0.49 J	1.0 U	1.0 U
	5/31/2018	5.0 U	1.0 U	1.0 U	4.6	1.0 U	**6.9**	2.0 U	0.49 J	1.0 U	1.0 U
	11/8/2018	5.0 U	1.0 U	1.0 U	4.2	1.0 U	**6.1**	2.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	4.5	1.0 U	**6.1**	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	3.7	1.0 U	**6.3**	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	4.4	1.0 U	**6.0**	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	3.6	1.0 U	**6.0**	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	4.4	1.0 U	**5.6**	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	4.2	1.0 U	**6.1**	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	5.1	1.0 U	3.0	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	6.0	1.0 U	3.1	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	6.8	1.0 U	2.2	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	**8.9**	1.0 U	3.3	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	6.7	1.0 U	3.6	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	**9.2**	1.0 U	3.9	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	**10.3**	1.0 U	3.4	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	**10.7**	1.0 U	**5.0**	1.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-34D	5/31/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/23/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/19/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MW-35D	3/18/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	6/22/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/21/2015	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	1/6/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	4/15/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	7/18/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	9/6/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	12/8/2016	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/21/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/2/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/31/2017	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/14/2017	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	2/14/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/31/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.16 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/15/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-46D	5/30/2018	1.0 U	13.7	1.0 U	**29.4**	1.0 U	**73.5**	2.0 U	1.2	1.0 U	1.0 U
	11/7/2018	1.0 U	22.1	1.2	**99.6**	1.0 U	**96.7**	2.0 U	7.7	1.0 U	1.0 U
	5/21/2019	1.0 U	**26.1**	1.0	**125**	1.0 U	**88.0**	5.0 U	10.2	1.0 U	1.0 U
	11/19/2019	1.0 U	**23.4**	1.4	**114**	1.0	**96.3**	5.0 U	1.0 U	1.0 U	1.0 U
	5/12/2020	1.0 U	**20.7**	1.4	**98**	1.0	**63.0**	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	**18.4**	1.0 U	**124**	1.0 U	**29.8**	5.0 U	6.4	1.0 U	1.0 U
	5/9/2021	1.0 U	**25.7**	1.5	**116**	1.0 U	**99.3**	5.0 U	7.8	1.0 U	1.0 U
	11/15/2021	1.0 U	**19.9**	1.0 U	**87**	1.0 U	**79.9**	5.0 U	4.8	1.0 U	1.0 U
	6/27/2022	1.0 U	**20.7**	1.0 U	**92**	1.0 U	**23.4**	5.0 U	5.7	1.0 U	1.0 U
	11/21/2022	1.0 U	**15.7**	1.0 U	**74.9**	1.0 U	**40.1**	1.0 U	3.6	1.0 U	1.0 U
	5/21/2023	1.0 U	1.2	1.0 U	**19.2**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	**8.7**	1.0 U	**51.5**	1.0 U	**27.3**	1.0 U	1.6	1.0 U	1.0 U
	6/12/2024	1.0 U	**16.4**	1.0 U	**65.9**	1.0 U	**30.2**	1.0 U	2.4	1.0 U	1.0 U
	11/10/2024	1.0 U	**7.4**	1.0 U	**36.5**	1.0 U	**26.8**	1.0 U	1.2	1.0 U	1.0 U
	6/15/2025	1.0 U	1.7	1.0 U	**10.7**	1.0 U	**16.8**	1.0 U	1.0 U	1.0 U	1.0 U
	11/16/2025	1.0 U	**13.9**	1.0 U	**46.2**	1.0 U	**28.2**	1.0 U	2.0	1.0 U	1.0 U
Confined Patuxent Wells											
MW-30D-413	5/31/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/23/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/19/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.10 U	1.0 U	1.0 U	1.0 U	1.0 U

Table C-1

Historical Offsite Groundwater Sampling Results (2015 through 2025) (a)
Former Kop-Flex Facility Site
Hanover, Maryland

Well ID	Sample Date	Chloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	1,4-Dioxane	Methylene Chloride	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene
Groundwater Quality Standard (µg/L)		NE	2.8 (1)	5	7	70	4.6	5	200	5	5
MW-30D-413 (continued)	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
MW-36D	5/30/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	8/23/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	11/8/2018	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	2/19/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
	5/22/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/20/2019	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/14/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/23/2020	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	5/10/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	11/15/2021	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	5.0 U	1.0 U	1.0 U	1.0 U
	6/27/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.17 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/21/2022	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/22/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	12/4/2023	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5 U	1.0 U	1.0 U	1.0 U	1.0 U
	5/20/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/11/2024	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	6/16/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	11/17/2025	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U

(1) MDE GW Quality Standard changed from 90 µg/L to 2.8 µg/L in October 2018

a/ U = not detected above the method detection limit; J = estimated concentration between the reporting limit and method detection limit.
Bolded values indicate an exceedence of the Groundwater Quality Standards
Dashed line marks change from quarterly to semi-annual sampling frequency at the well.
All sample concentrations in micrograms per liter (µg/l)
NS = well not sampled

b/ Wells screened in this portion of the Lower Patapsco aquifer were removed from the monitoring program after the May 2018 sampling event.

c/ Well decommissioned in August 2019