Quarterly Groundwater Monitoring Report

Prepared for

Stanley Black & Decker (U.S.) Inc.

Hampstead, Maryland

October 2024

Prepared by

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West Chester, Pennsylvania 19380-1499

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1. INTRODUCTION

This Groundwater Monitoring Report has been prepared by Weston Solutions, Inc. (Weston) on behalf of Stanley Black & Decker to meet the requirements of Condition IV.G of the Administrative Consent Order between the State of Maryland Department of the Environment (MDE) and Black & Decker (U.S.) Inc. (April 1995) (Consent Order). The report provides monitoring data associated with the groundwater extraction system operating at the Hampstead, Maryland site and analytical results associated with system sampling and monitoring well sampling. The groundwater extraction system is operated in compliance with two separate permits; a National Pollutant Discharge Elimination System (NPDES) permit covering discharge of the treated effluent to surface water, and a Water Appropriation Permit regulating the volume of water extracted from the aquifer and how that water is used.

Specifically, Condition IV.G of the Consent Order calls for preparation of a Groundwater Monitoring Report containing the following information for each quarterly reporting period:

- The quantities of groundwater pumped, treated, and discharged.
- The calculation of quantities of contaminants removed from groundwater.
- A summary of all sampling analyses.
- An explanation of all operational or other problems encountered, and the manner in which each problem was resolved.
- Copies of all reports submitted to the Department of Natural Resources in conjunction with the Groundwater Appropriations Permit.
- Recommendations for changes to the Interim Groundwater Treatment System.

This document is one of several which are being prepared in response to the Consent Order; each of these documents are to be submitted to the MDE in accordance with the schedule outlined in the Consent Order. This document will become part of the Administrative Record for the site, which is maintained at the Hampstead Public Library.

2. SITE CHARACTERISTICS

2.1 HYDRAULIC PROPERTIES

In accordance with the Consent Order and the Water Appropriation Permit associated with the groundwater extraction system, the following pumping and water level information is included for the period of July through September 2024. Water level data is collected by Weston and pumping data is recorded by Maryland Environmental Services (MES).

Pumping records showing the total gallons pumped per month of treatment system operation are presented in Table 2-1. The complete groundwater treatment system pumping records provided to Weston by MES are included in Appendix A.

Table 2-1

Date	Water Pumped (gallons)
July 2024	5,760,475
August 2024	6,040,370
September 2024	5,485,322

Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. A groundwater contour map prepared using the September groundwater levels is provided as Figure 2-1. For the reporting period of July through September 2024, the extraction wells were pumping at an average combined rate of approximately 179 gallons per minute (gpm). Groundwater contours depict cones of depression surrounding the extraction wells, which are causing groundwater gradients toward the extraction wells.

2.2 EFFLUENT CHARACTERISTICS

Effluent characteristics are recorded monthly on Discharge Monitoring Reports (DMRs) by MES. The DMRs are submitted directly to MDE, Water Management Administration by MES.

MES also provides the DMRs to Weston for review and inclusion in the quarterly groundwater monitoring reports.

Of the NPDES discharge locations monitored by MES, only two (201 and 001) are associated with the groundwater extraction system. Monitoring point 201 represents the treated air stripper effluent. Monitoring point 001 (collected from immediately above the v-notch weir at the site outfall) is the final outfall location where water discharges from a pond on the property to Deep Run. The pond receives water from multiple sources, including treated air stripper effluent, in accordance with the NPDES permit. Monitoring point 101 discharges ceased when the site was connected to the Town of Hampstead sanitary sewer and the on-site wastewater treatment plant was taken out of operation in January 2018.

A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of July through September 2024 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July through September 2024, approximately 3.9 pounds of total volatile organic compounds (VOCs) were removed from the groundwater by the extraction and treatment system.

A summary of the analytical results from the third quarter (August 2024) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete analytical data package is included in Appendix D.

As found during previous groundwater sampling events at the site, TCE and PCE were the primary VOCs detected in well samples at maximum concentrations of 67 micrograms per liter (ug/L) and 69 ug/L, respectively. The maximum concentration for TCE was detected at RFW-12B, which is in the EW-2 capture zone and the maximum concentration of PCE was detected at RFW-4B, which is in the EW-6 capture zone. These concentrations exceed the National Drinking Water Standard Maximum Contaminant Level (MCL) of 5 ug/L for both TCE and PCE. Concentrations of 1,2-Dichloroethene (total) (1,2-DCE) were also detected in numerous samples at a maximum observed concentration of 27 ug/L, which did not exceed the MCL for 1,2-DCE of 70 ug/L.

Trans-1,2- Dichloroethene was detected in RFW-13 at 4.7 micrograms per liter (ug/L) which is well below the MCL for trans-1,2-Dichloroethene of 100 ug/L.

Toluene was detected in EW-4 at 0.61 micrograms per liter (ug/L) which is well below the MCL for toluene of 1000 ug/L.

Acetone was detected in 1 Trip Blank sample, but not detected in any of the well samples. Acetone has not historically been associated with the site and is also considered a laboratory contaminant.

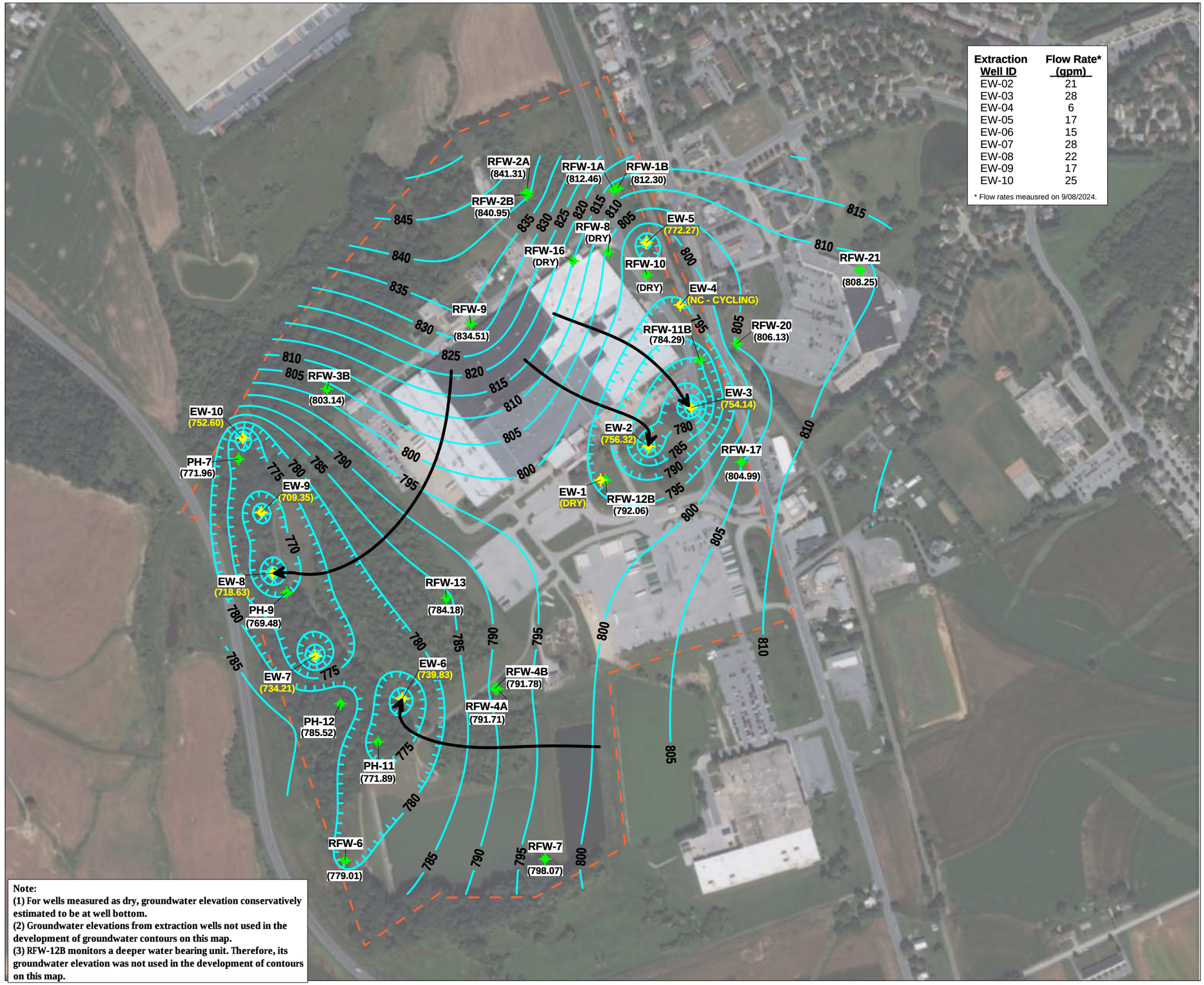
No other VOCs included in the analysis were reported to be present at concentrations above their reporting limits specified by the analysis method.

Histogram graphs for TCE and PCE concentrations over time were prepared for select wells including EW-2, EW-5, EW-8, EW-9 and RFW-4B. The graphs illustrate stable or decreasing trends for TCE and PCE concentrations in groundwater at these locations over time. Copies of the histogram graphs are provided in Appendix E.

Table 2-2
Groundwater Elevation Data - 3rd Quarter 2024
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	7/20/2024		8/24/2024		9/8/2024	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	93.50	755.71	93.25	755.96	92.89	756.32
EW-3	846.64	118	94.00	752.64	93.00	753.64	92.50	754.14
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	91.25	772.92	91.53	772.64	91.90	772.27
EW-6	831.98	115	90.40	741.58	89.74	742.24	92.15	739.83
EW-7	818.38	78	83.64	734.74	83.88	734.50	84.17	734.21
EW-8	811.13	98	92.75	718.38	92.80	718.33	92.50	718.63
EW-9	811.35	141	102.50	708.85	101.50	709.85	102.00	709.35
EW-10	807.74	INA	56.26	751.48	54.26	753.48	55.14	752.60
RFW-1A	864.37	78	51.89	812.48	51.84	812.53	51.91	812.46
RFW-1B	864.23	200	51.86	812.37	51.88	812.35	51.93	812.30
RFW-2A	857.41	35	15.29	842.12	16.03	841.38	16.10	841.31
RFW-2B	857.73	75	15.50	842.23	16.72	841.01	16.78	840.95
RFW-3B	839.21	153	34.88	804.33	35.97	803.24	36.07	803.14
RFW-4A	830.37	62	38.08	792.29	38.56	791.81	38.66	791.71
RFW-4B	830.37	120	37.99	792.38	38.48	791.89	38.59	791.78
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	5.41	779.63	4.63	780.41	6.03	779.01
RFW-7	805.14	29	7.07	798.07	6.94	798.20	7.07	798.07
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.13	834.89	27.42	834.60	27.51	834.51
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	65.43	784.19	65.28	784.34	65.33	784.29
RFW-12B	844.87	264	53.11	791.76	52.42	792.45	52.81	792.06
RFW-13	849.11	150	65.89	783.22	65.22	783.89	64.93	784.18
RFW-14B	812.39	281	58.72	753.67	58.46	753.93	58.38	754.01
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	27.47	807.19	29.73	804.93	29.67	804.99
RFW-20	842.49	142	36.04	806.45	36.28	806.21	36.36	806.13
RFW-21	832.65	102	23.62	809.03	24.19	808.46	24.40	808.25
PH-7	805.94	89	34.36	771.58	34.30	771.64	33.98	771.96
PH-9	814.94	98	45.82	769.12	45.52	769.42	45.46	769.48
PH-11	820.68	78	49.01	771.67	48.63	772.05	48.79	771.89
PH-12	828.35	87	42.86	785.49	42.75	785.60	42.83	785.52
B-3	803.02	83	NA	NC	NA	NC	NA	NC
Amoco	842.29	INA	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	INA	11.46	793.50	3.26	801.70	3.14	801.82
Pembroke #1	INA	INA	13.77	NC	14.22	NC	13.89	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	8.84	NC	4.78	NC	6.86	NC
E. Century St.	INA	INA	12.41	NC	12.04	NC	12.47	NC
Lwr. Beckleys. Rd.	INA	INA	51.96	NC	52.52	NC	52.26	NC

NA - Not Available/Not Accessible
NC - Not Calculable
INA - Information not available
PC - Pump Cycles
* - Well not pumping



Extraction Well ID	Flow Rate* (gpm)
EW-02	21
EW-03	28
EW-04	6
EW-05	17
EW-06	15
EW-07	28
EW-08	22
EW-09	17
EW-10	25

* Flow rates meausred on 9/08/2024.

Note:
(1) For wells measured as dry, groundwater elevation conservatively estimated to be at well bottom.
(2) Groundwater elevations from extraction wells not used in the development of groundwater contours on this map.
(3) RFW-12B monitors a deeper water bearing unit. Therefore, its groundwater elevation was not used in the development of contours on this map.

Legend

- Extraction Well Location (EW)
- Monitoring Well (RFW) / Piezometer Location (PH)
- Groundwater Elevation Contour (contour interval: 5 ft)
- (808.25) Monitoring Well/Piezometer Groundwater Elevation (ft MSL)
- (752.60) Extraction Well Groundwater Elevation (ft MSL)
- Groundwater Flow Direction
- Site Property Boundary

N
W E
S

0 200 400 600 800
Feet

Groundwater Elevation Contour Map
8 September 2024

Former Black and Decker Facility
Hampstead, Maryland

Table 2-3
Effluent Characteristics Summary - 3rd Quarter 2024
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	Discharge Monitoring Report Date		
					July 2024	August 2024	September 2024
001 (Monitoring Point)	Monitoring Point 001-A1 is no longer in use since the facility has begun using Monitoring Point 001-A5						
001-A5 Monitoring Point (non contact cooling water)	FLOW	average	MGD	NA	0.366	0.393	0.355
		maximum	MGD	NA	0.499	0.613	0.433
	TEMPERATURE	average	°F	NA	69.7	67.9	67.3
	(required May- Sept)	maximum	°F	NA	71.8	69.4	68.8
101 (Monitoring Point)	Monitoring Point 101 is no longer in use since the facility hooked up to the Town of Hampstead sanitary sewer in July 2018.						
201 Monitoring Point (Treated Groundwater)	FLOW	average	MGD	NA	0.203	0.217	0.210
		maximum	MGD	NA	0.220	0.381	0.255
	1,1,1-Trichloroethane		ug/l	5.0	NR	NR	< 1
	Tetrachloroethylene		ug/l	5.0	NR	NR	< 1
	Trichloroethylene		ug/l	5.0	NR	NR	< 1

NA - Not Applicable

NR - Not Required, permit requires VOC's to be sampled once per quarter.

Table 2-4
Summary of Groundwater Analytical Results - 3rd Quarter 2024
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	ug/L	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/L	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	0.83 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	1.6	1.4	1 U	1 U	1 U	5.0	27	1 U	1 U	1 U
Chloroform	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Ethyl Ketone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	55	14	0.71	47	3.2	3	4.9	0.5 U	0.19 J	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	63	0.65 J	1 U	1 U	6.5	9.4	57	37	39	1 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butyl alcohol	ug/L	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	ug/L	NS	0.5 U	0.5 U	0.61	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.

J = Indicates an estimated value.

NS = Not Sampled

NA = Not Analyzed

Table 2-4
Summary of Groundwater Analytical Results - 3rd Quarter 2024
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Bromomethane	ug/L	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	NS	3 U	3 U	NS	3 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Methylene Chloride	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
Carbon Disulfide	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	0.62 J	2.9	NS	1 U	1 U	NS	17	NS
Chloroform	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methyl Ethyl Ketone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	21	21	59	NS	0.5 U	0.5 U	NS	4.2	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
trans-1,2-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	11	9.8	69	NS	1 U	1 U	NS	3.3	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
tert-Butyl alcohol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NS	NA	NS
Toluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS

Notes: DUP = Duplicate sample
NS = Not sampled
cn = Possible lab contamination
U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.
J = Indicates an estimated value.
NA = Not Analyzed

Table 2-4
Summary of Groundwater Analytical Results - 3rd Quarter 2024
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Hamp #22	Hamp #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	3 U	3 U	3 U	NS	3 U	ABD	ABD	ABD	3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	10 U	10 U	10 U	NS	10 U	ABD	ABD	ABD	10 U	5 U	5 U	5 U	5 U	15
Carbon Disulfide	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.4	3.2	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Ethyl Ketone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	0.21 J	67	2	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	ug/L	NS	1 U	1 U	4.7	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	2 U	2 U	2 U	2 U	2 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	1 U	4.2	7.8	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butyl alcohol	ug/L	NS	NA	NA	NA	NS	NA	ABD	ABD	ABD	NA	2 U	2 U	2 U	2 U	2 U
Toluene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: Samples from wells RFW-20 & 21, Town-22&23 are analyzed with the USEPA drinking water method 524.2 at the request of the MDE Source Protection and Appropriation Division. Samples from all of the other wells are analyzed with USEPA Method 8260.

NS = Not sampled

U = Compound was analyzed but not detected.

ABD = Well has been abandoned

E = Result exceeds calibration range

NA = Not Analyzed

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities which were undertaken with the extraction and treatment system during the reporting period (July through September 2024) is provided in Table 3-1 below. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate or other routine activities).

Table 3-1

Date	Event/Corrective Action
	There were no maintenance issues during this reporting period.

4. CONCLUSIONS AND RECOMMENDATIONS

For the reporting period of July through September 2024, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The data collected continues to demonstrate that the treatment system is effective in removing VOCs from the extracted groundwater.

Recommendations for the next reporting period include:

- Continue operation of the existing groundwater extraction and treatment system as currently configured.
- Perform any required maintenance or repairs on the groundwater and treatment system to keep it effective and operating as designed; and
- Continue monitoring groundwater levels and perform a quarterly groundwater sampling event.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(JULY - SEPTEMBER 2024)

ENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

Operated By: Maryland Environmental Service
259 Najoles Road, Millersville MD

Facility: BTR Capital Group (MD0001881)
Address: 627 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Garrett Scheller 2500, Dorrance Jones 0763, Chris Dallas 6202, Dwight Smith 1362

Superintendent: David Coale
Certification # 1662

Month: July
Year: 2024

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethan ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Ahum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.36100														0.000000		0"	0.0	0.0	0.0				0.205114	G. Scheller
2	Clear	0.34700														0.000000		0"	0.0	0.0	0.0				0.189002	G. Scheller
3	Clear	0.31200														0.000000		0"	0.0	0.0	0.0	<0.5	<0.5	<0.5	0.152791	G. Scheller
4	Clear	0.32000														0.000000		0"	0.0	0.0	0.0				0.208687	G. Scheller
5	Clear	0.36000														0.000000		0"	0.0	0.0	0.0				0.188150	G. Scheller
6	Clear	0.34300														0.000000		0"	0.0	0.0	0.0				0.151981	D.Smith
7	Clear	0.34800														0.000000		0"	0.0	0.0	0.0				0.175433	D.Smith
8	Clear	0.35400														0.000000		0"	0.0	0.0	0.0				0.198681	G. Scheller
9	Clear	0.29900														0.000000		0"	0.0	0.0	0.0				0.143494	G. Scheller
10	Clear	0.41000														0.000000		0"	0.0	0.0	0.0				0.175237	D.Jones
11	Clear	0.41900														0.000000		0"	0.0	0.0	0.0				0.188425	G. Scheller
12	Clear	0.34500														0.000000		0"	0.0	0.0	0.0				0.157299	D.Smith
13	Clear	0.43600														0.000000		0"	0.0	0.0	0.0				0.205851	G. Scheller
14	Clear	0.38600														0.000000		0"	0.0	0.0	0.0				0.180645	G. Scheller
15	Clear	0.34700														0.000000		0"	0.0	0.0	0.0				0.182172	G. Scheller
16	Clear	0.40900														0.000000		0"	0.0	0.0	0.0				0.186149	G. Scheller
17	Clear	0.34000														0.000000		0"	0.0	0.0	0.0				0.155084	G. Scheller
18	Clear	0.45300														0.000000		0"	0.0	0.0	0.0				0.212565	G. Scheller
19	Clear	0.39900														0.000000		0"	0.0	0.0	0.0				0.183162	G. Scheller
20	Clear	0.34900														0.000000		0"	0.0	0.0	0.0				0.166638	D.Jones
21	Clear	0.37000														0.000000		0"	0.0	0.0	0.0				0.181350	D.Jones
22	Clear	0.39600														0.000000		0"	0.0	0.0	0.0				0.227047	G. Scheller
23	Clear	0.49900														0.000000		0"	0.0	0.0	0.0				0.205077	G. Scheller
24	Clear	0.36300														0.000000		0"	0.0	0.0	0.0				0.205104	G. Scheller
25	Clear	0.36400														0.000000		0"	0.0	0.0	0.0				0.203058	G. Scheller
26	Clear	0.27400														0.000000		0"	0.0	0.0	0.0				0.170945	G. Scheller
27	Clear	0.37500														0.000000		0"	0.0	0.0	0.0				0.206195	C. Dallas
28	Clear	0.30100														0.000000		0"	0.0	0.0	0.0				0.191312	C. Dallas
29	Clear	0.35400														0.000000		0"	0.0	0.0	0.0				0.216885	G. Scheller
30	Clear	0.39200														0.000000		0"	0.0	0.0	0.0				0.187865	G. Scheller
31	Clear	0.30500														0.000000		0"	0.0	0.0	0.0				0.159077	G. Scheller
Total		11.33000														0.000000									5.760475	
Average		0.36548		#####	#DIV/0!	#DIV/0!	#DIV/0!	####	####	####	####	####	####	####	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.185822	
Minimum		0.27400	0.0	0.00	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.143494	MOR
Maximum		0.49900	0.0	<0.10	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.227047	8/23/2024

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Additional Op's & cert # - Garrett Scheller 2500, Chris Dallas 6202, Dwight Smith 1362, Dorrance Jones 0763

Superintendent: David Coale Certification # 1662

Month: August
Year: 2024

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethan ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.43600														0.000000		0"	0.0	0.0	0.0				0.218126	G. Scheller
2	Clear	0.35600														0.000000		0"	0.0	0.0	0.0				0.185654	G. Scheller
3	Clear	0.35900														0.000000		0"	0.0	0.0	0.0				0.157687	D.Smith
4	Clear	0.38300														0.000000		0"	0.0	0.0	0.0				0.182136	D.Smith
5	Clear	0.40900														0.000000		0"	0.0	0.0	0.0				0.217319	G. Scheller
6	Clear	0.32500														0.000000		0"	0.0	0.0	0.0				0.158701	G. Scheller
7	Clear	0.53100														0.000000		0"	0.0	0.0	0.0				0.197473	D.Smith
8	Clear	0.43800														0.000000		0"	0.0	0.0	0.0				0.198533	D.Smith
9	Clear	0.57800														0.000000		0"	0.0	0.0	0.0				0.210415	D.Smith
10	Clear	0.61300														0.000000		0"	0.0	0.0	0.0				0.239491	G. Scheller
11	Clear	0.46700														0.000000		0"	0.0	0.0	0.0				0.211518	G. Scheller
12	Clear	0.33000														0.000000		0"	0.0	0.0	0.0				0.213051	G. Scheller
13	Clear	0.35600														0.000000		0"	0.0	0.0	0.0				0.197555	G. Scheller
14	Clear	0.34000														0.000000		0"	0.0	0.0	0.0				0.181902	D.Smith
15	Clear	0.35900														0.000000		0"	0.0	0.0	0.0				0.219451	G. Scheller
16	Clear	0.35100														0.000000		0"	0.0	0.0	0.0				0.195673	G. Scheller
17	Clear	0.39900														0.000000		0"	0.0	0.0	0.0				0.173630	D.Jones
18	Clear	0.40800														0.000000		0"	0.0	0.0	0.0				0.192010	D.Jones
19	Clear	0.44000														0.000000		0"	0.0	0.0	0.0				0.224136	G. Scheller
20	Clear	0.29200														0.000000		0"	0.0	0.0	0.0				0.163762	G. Scheller
21	Clear	0.31300														0.000000		0"	0.0	0.0	0.0	<0.5	<0.5	<0.5	0.176867	G. Scheller
22	Clear	0.36600														0.000000		0"	0.0	0.0	0.0				0.232516	G. Scheller
23	Clear	0.33500														0.000000		0"	0.0	0.0	0.0				0.192330	G. Scheller
24	Clear	0.31100														0.000000		0'	0.0	0.0	0.0				0.174237	C. Dallas
25	Clear	0.32200														0.000000		0"	0.0	0.0	0.0				0.191780	C. Dallas
26	Clear	0.35400														0.000000		0"	0.0	0.0	0.0				0.206244	G. Scheller
27	Clear	0.29800														0.000000		0"	0.0	0.0	0.0				0.159099	G. Scheller
28	Clear	0.46400														0.000000		0"	0.0	0.0	0.0				0.182167	G. Scheller
29	Clear	0.43500														0.000000		0"	0.0	0.0	0.0				0.190541	D.Smith
30	Clear	0.43700														0.000000		0"	0.0	0.0	0.0				0.204316	D.Smith
31	Clear	0.38200														0.000000		0"	0.0	0.0	0.0				0.192050	D.Jones
Total		12.18700														0.000000									6.040370	
Average		0.39313		#####	#DIV/0!	#DIV/0!	#DIV/0!	####	####	####	####	####	####	####	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.194851	
Minimum		0.29200	0.0	0.00	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.157687	MOR
Maximum		0.61300	0.0	<0.10	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.239491	9/25/2024

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Additional Op's & cert # - Garrett Scheller 2500, Chris Dallas 6202, Dorrance Jones 0763, Dwight Smith 1362

Superintendent: David Coale Certification # 1662

Month: September

Year: 2024

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post-Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.34300														0.000000		0"	0.0	0.0	0.0				0.165265	D.Jones
2	Clear	0.43300														0.000000		0"	0.0	0.0	0.0				0.213347	C. Dallas
3	Clear	0.33400														0.000000		0"	0.0	0.0	0.0				0.205917	G. Scheller
4	Clear	0.34100														0.000000		0"	0.0	0.0	0.0				0.148239	G. Scheller
5	Clear	0.27600														0.000000		0"	0.0	0.0	0.0	<0.5	<0.5	<0.5	0.148239	G. Scheller
6	Clear	0.40300														0.000000		0"	0.0	0.0	0.0				0.221782	G. Scheller
7	Clear	0.31500														0.000000		0"	0.0	0.0	0.0				0.155257	D.Smith
8	Clear	0.33500														0.000000		0"	0.0	0.0	0.0				0.196968	D.Smith
9	Clear	0.36700														0.000000		0"	0.0	0.0	0.0				0.210043	G. Scheller
10	Clear	0.31900														0.000000		0"	0.0	0.0	0.0				0.185934	G. Scheller
11	Clear	0.33300														0.000000		0"	0.0	0.0	0.0				0.182089	G. Scheller
12	Clear	0.33300														0.000000		0"	0.0	0.0	0.0				0.184033	G. Scheller
13	Clear	0.31400														0.000000		0"	0.0	0.0	0.0				0.184514	G. Scheller
14	Clear	0.33500														0.000000		0"	0.0	0.0	0.0				0.168402	C. Dallas
15	Clear	0.31700														0.000000		0"	0.0	0.0	0.0				0.174980	C. Dallas
16	Clear	0.36400														0.000000		0"	0.0	0.0	0.0				0.206217	G. Scheller
17	Clear	0.34000														0.000000		0"	0.0	0.0	0.0				0.181076	G. Scheller
18	Clear	0.37000														0.000000		0"	0.0	0.0	0.0				0.154023	G. Scheller
19	Clear	0.39300														0.000000		0"	0.0	0.0	0.0				0.172647	C. Dallas
20	Clear	0.37600														0.000000		0"	0.0	0.0	0.0				0.191151	C. Dallas
21	Clear	0.35600														0.000000		0"	0.0	0.0	0.0				0.179361	D.Smith
22	Clear	0.42100														0.000000		0"	0.0	0.0	0.0				0.183853	D.Smith
23	Clear	0.36900														0.000000		0"	0.0	0.0	0.0				0.201761	G. Scheller
24	Clear	0.30400														0.000000		0"	0.0	0.0	0.0				0.156485	C. Dallas
25	Clear	0.37000														0.000000		0"	0.0	0.0	0.0				0.203896	G. Scheller
26	Clear	0.41200														0.000000		0"	0.0	0.0	0.0				0.180982	G. Scheller
27	Clear	0.27800														0.000000		0"	0.0	0.0	0.0				0.149146	G. Scheller
28	Clear	0.39400														0.000000		0"	0.0	0.0	0.0				0.192767	D.Jones
29	Clear	0.40900														0.000000		0"	0.0	0.0	0.0				0.186008	D.Jones
30	Clear	0.40000														0.000000		0"	0.0	0.0	0.0				0.200940	G. Scheller
31																										
Total		10.65400														0.000000									5.485322	
Average		0.35513		#####	#DIV/0!	#DIV/0!	#DIV/0!	####	####	####	####	####	####	####	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.182844	
Minimum		0.27600	0.0	0.00	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.148239	MOR
Maximum		0.43300	0.0	<0.10	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.221782	10/22/2024

APPENDIX B
DISCHARGE MONITORING REPORTS
(JULY- SEPTEMBER 2024)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A1** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 07/01/24 to 07/31/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	–	Sample										<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI											C - No Discharge				
00400	**pH**	1 - Effluent Gross	0	–	Sample						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/07 - Twice Every Week	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00530	**Solids, total suspended**	1 - Effluent Gross	0	–	Sample								<=	20.0 MX MO AV	<=	30.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00556	**Oil & Grease**	1 - Effluent Gross	0	–	Sample								<=	10.0 MX MO AV	<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	–	Sample								<=	0.3 MX MO AV			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.															
					Value NODI									C - No Discharge						
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	–	Sample														01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
50060	**Chlorine, total residual**	1 - Effluent Gross	0	–	Sample								<=	11.0 MX MO AV	<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A5** PROPOSED		

Report Dates & Status

Monitoring Period:	**From 07/01/24 to 07/31/24**	**DMR Due Date:**	**08/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	–	Sample						=	69.0	=	69.73	=	71.88	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample	=	0.3655	=	0.499	03 - MGD									01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
24BTRHampstead07update.pdf	pdf	704072.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-08-28 13:17 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-08-28 13:50 (Time Zone: -04:00)

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	**Discharge:**	**101-A2** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 07/01/24 to 07/31/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/07 - Weekly	MS - MEASRD
					Value NODI		C - No Discharge		C - No Discharge											
51040	E. coli	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	126.0 MX WK AV			30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Value NODI									C - No Discharge						

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
24BTRHampstead07update.pdf	pdf	704072.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-08-28 13:17 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-08-28 13:50 (Time Zone: -04:00)

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Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	102 External Outfall	**Discharge:**	**102-A4** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 07/01/24 to 07/31/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	0	–	**Sample**						=	6.1					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	5.0 INST MIN					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	–	**Sample**	=	2.0			26 - lb/d	=	1.0					19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	225.0 MX WK AV			26 - lb/d	<=	45.0 MX WK AV					19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	EG - Effluent Gross	0	–	**Sample**	=	0.0			26 - lb/d	=	0.0					19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	150.0 MX MO AV			26 - lb/d	<=	30.0 MX MO AV					19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	–	**Sample**						=	6.8			=	7.7	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	–	**Sample**	=	6.0			26 - lb/d	=	4.0					19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	113.0 MX WK AV			26 - lb/d	<=	23.0 MX WK AV					19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	1	–	**Sample**			=	131.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	2	–	**Sample**			=	1545.0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	27397.0 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	**Solids, total suspended**	EG - Effluent Gross	0	–	**Sample**	=	4.0			26 - lb/d	=	3.0					19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	75.0 MX MO AV			26 - lb/d	<=	15.0 MX MO AV					19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	–	**Sample**						=	2.07					19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.							Req Mon MO AVG					19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
					Sample			=	109.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD

00600	**Nitrogen, total [as N]**	1 - Effluent Gross	1	--	**Permit Req.**			Req Mon MO TOTAL	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Value NODI										
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	2	--	**Sample**		=	1147.0	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Permit Req.			Req Mon CUM TOTL	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Value NODI										
00605	**Nitrogen, organic total [as N]**	1 - Effluent Gross	0	--	**Sample**					=	0.71	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	**Sample**	=	0.2		26 - lb/d	=	0.1	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	22.0 MX DA AV		26 - lb/d	<=	4.4 MX DA AV	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00610	**Nitrogen, ammonia total [as N]**	EA - Effluent Adjusted Value	0	--	**Sample**	=	0.0		26 - lb/d	=	0.0	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	6.5 MX MO AV		26 - lb/d	<=	1.3 MX MO AV	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI										
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	**Sample**					=	1.35	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	**Sample**	=	0.3		26 - lb/d	=	0.16	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	2.3 MX WK AV		26 - lb/d	<=	0.45 MX WK AV	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	1	--	**Sample**			=	6.0	76 - lb/mo				01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo				01/30 - Monthly	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	2	--	**Sample**			=	62.0	50 - lb/yr				01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	548.0 CUM TOTL	50 - lb/yr				01/30 - Monthly	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	EG - Effluent Gross	0	--	**Sample**	=	0.2		26 - lb/d	=	0.11	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	1.5 MX MO AV		26 - lb/d	<=	0.3 MX MO AV	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI										
04175	**Phosphate, ortho [as P]**	1 - Effluent Gross	0	--	**Sample**					=	0.0	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	**Sample**	=	0.203	=	0.22	03 - MGD				99/99 - Continuous	RF - RCDFLO
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD				99/99 - Continuous	RF - RCDFLO
					Value NODI										
51040	**E. coli**	1 - Effluent Gross	0	--	**Sample**								=	01/07 - Weekly	GR - GRAB
					Permit Req.								<=	01/07 - Weekly	GR - GRAB
					Value NODI										
82220	**Flow, total**	1 - Effluent Gross	0	--	**Sample**			=	6.3	80 - Mgal/mo				01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo				01/30 - Monthly	CA - CALCTD
					Value NODI										

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
24BTRHampstead07update.pdf	pdf	704072.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY

Name: Jay Janney

E-Mail: jjann@menv.com

Date/Time: 2024-08-28 13:19 (Time Zone: -04:00)

Report Last Signed By

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A1** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 08/01/24 to 08/31/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	–	Sample										<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI											C - No Discharge				
00400	**pH**	1 - Effluent Gross	0	–	Sample						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/07 - Twice Every Week	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00530	**Solids, total suspended**	1 - Effluent Gross	0	–	Sample								<=	20.0 MX MO AV	<=	30.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00556	**Oil & Grease**	1 - Effluent Gross	0	–	Sample								<=	10.0 MX MO AV	<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	–	Sample								<=	0.3 MX MO AV			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.															
					Value NODI									C - No Discharge						
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	–	Sample		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	MS - MEASRD
					Permit Req.															
					Value NODI		C - No Discharge		C - No Discharge											
50060	**Chlorine, total residual**	1 - Effluent Gross	0	–	Sample								<=	11.0 MX MO AV	<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
24BTRHampstead08.pdf	pdf	686858.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-09-26 15:47 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-09-26 15:55 (Time Zone: -04:00)

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Permit

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Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A5** PROPOSED		

Report Dates & Status

Monitoring Period:	**From 08/01/24 to 08/31/24**	**DMR Due Date:**	**09/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Sample						=	67.81	=	67.93	=	69.38	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Permit Req.							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Value NODI															
					Sample	=	0.3931	=	0.613	03 - MGD									01/30 - Monthly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															

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Edit Check Errors

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Comments

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24BTRHampstead08.pdf	pdf	686858.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-09-26 15:48 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-09-26 15:55 (Time Zone: -04:00)

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Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	**Discharge:**	**101-A2** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 08/01/24 to 08/31/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample														01/07 - Weekly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d										
					Value NODI		C - No Discharge		C - No Discharge											
51040	E. coli	1 - Effluent Gross	0	–	Sample								<=	126.0 MX WK AV		30 - MPN/100mL			01/07 - Weekly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
24BTRHampstead08.pdf	pdf	686858.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-09-26 15:48 (Time Zone: -04:00)

Report Last Signed By

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Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	102 External Outfall	**Discharge:**	**102-A4** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 08/01/24 to 08/31/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	6.0					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	5.0 INST MIN					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	2.0			26 - lb/d			=	1.0			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	225.0 MX WK AV			26 - lb/d			<=	45.0 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample	=	0.0			26 - lb/d			=	0.0			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	150.0 MX MO AV			26 - lb/d			<=	30.0 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.8			=	7.6	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	6.0			26 - lb/d			=	4.0			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	113.0 MX WK AV			26 - lb/d			<=	23.0 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample			=	140.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample			=	1677.0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	27397.0 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample	=	4.0			26 - lb/d			=	3.0			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	75.0 MX MO AV			26 - lb/d			<=	15.0 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	3.59			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.									Req Mon MO AVG			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
					Sample			=	201.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD

00600	**Nitrogen, total [as N]**	1 - Effluent Gross	1	--	**Permit Req.**			Req Mon MO TOTAL	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Value NODI										
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	2	--	**Sample**		=	1259.0	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Permit Req.			Req Mon CUM TOTL	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Value NODI										
00605	**Nitrogen, organic total [as N]**	1 - Effluent Gross	0	--	**Sample**					=	0.86	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	**Sample**	=	1.4		26 - lb/d	=	0.8	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	22.0 MX DA AV		26 - lb/d	<=	4.4 MX DA AV	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00610	**Nitrogen, ammonia total [as N]**	EA - Effluent Adjusted Value	0	--	**Sample**	=	0.2		26 - lb/d	=	0.1	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	6.5 MX MO AV		26 - lb/d	<=	1.3 MX MO AV	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI										
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	**Sample**					=	2.62	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	**Sample**	=	0.4		26 - lb/d	=	0.24	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	2.3 MX WK AV		26 - lb/d	<=	0.45 MX WK AV	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	1	--	**Sample**		=	10.0	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Permit Req.			Req Mon MO TOTAL	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	2	--	**Sample**		=	68.0	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Permit Req.		<=	548.0 CUM TOTL	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Value NODI										
00665	**Phosphorus, total [as P]**	EG - Effluent Gross	0	--	**Sample**	=	0.3		26 - lb/d	=	0.19	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	1.5 MX MO AV		26 - lb/d	<=	0.3 MX MO AV	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI										
04175	**Phosphate, ortho [as P]**	1 - Effluent Gross	0	--	**Sample**					=	0.1	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	**Sample**	=	0.217	=	0.381	03 - MGD				99/99 - Continuous	RF - RCDFLO
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD				99/99 - Continuous	RF - RCDFLO
					Value NODI										
51040	**E. coli**	1 - Effluent Gross	0	--	**Sample**					=	32.0	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.					<=	60.0 MO MAX	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Value NODI										
82220	**Flow, total**	1 - Effluent Gross	0	--	**Sample**			=	6.73	80 - Mgal/mo				01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo				01/30 - Monthly	CA - CALCTD
					Value NODI										

Submission Note

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Edit Check Errors

No errors.

Comments

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Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY

Name: Jay Janney

E-Mail: jjann@menv.com

Date/Time: 2024-09-26 15:50 (Time Zone: -04:00)

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A1** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 09/01/24 to 09/30/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	–	Sample										<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI											C - No Discharge				
00400	pH	1 - Effluent Gross	0	–	Sample						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/07 - Twice Every Week	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample								<=	20.0 MX MO AV	<=	30.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00556	Oil & Grease	1 - Effluent Gross	0	–	Sample								<=	10.0 MX MO AV	<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	–	Sample								<=	0.3 MX MO AV			19 - mg/L		01/30 - Monthly	08 - COMP-8
					Permit Req.															
					Value NODI									C - No Discharge						
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	MS - MEASRD
					Permit Req.															
					Value NODI		C - No Discharge		C - No Discharge											
50060	Chlorine, total residual	1 - Effluent Gross	0	–	Sample								<=	11.0 MX MO AV	<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
24BTRHampstead09.pdf	pdf	558675.0

Report Last Saved By
BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-10-22 10:14 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-10-22 10:17 (Time Zone: -04:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A5** PROPOSED		

Report Dates & Status

Monitoring Period:	**From 09/01/24 to 09/30/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	–	Sample						=	66.87	=	67.31	=	68.75	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample	=	0.3551	=	0.433	03 - MGD									01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

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24BTRHampstead09.pdf	pdf	558675.0

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BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-10-22 10:15 (Time Zone: -04:00)

Report Last Signed By

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Permit

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Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	**Discharge:**	**101-A2** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 09/01/24 to 09/30/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/07 - Weekly	MS - MEASRD
					Value NODI		C - No Discharge		C - No Discharge											
51040	E. coli	1 - Effluent Gross	0	–	Sample Permit Req.								<=	126.0 MX WK AV			30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Value NODI									C - No Discharge						

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

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Report Last Signed By

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Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	102 External Outfall	**Discharge:**	**102-A4** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 09/01/24 to 09/30/24**	**DMR Due Date:**	**10/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.5					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	5.0 INST MIN					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	2.0			26 - lb/d			=	1.0			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	225.0 MX WK AV			26 - lb/d			<=	45.0 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample	=	0.0			26 - lb/d			=	0.0			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	150.0 MX MO AV			26 - lb/d			<=	30.0 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.4			=	7.6	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	12.0			26 - lb/d			=	7.0			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	113.0 MX WK AV			26 - lb/d			<=	23.0 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample			=	251.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample			=	1821.0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	27397.0 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample	=	8.0			26 - lb/d			=	5.0			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	75.0 MX MO AV			26 - lb/d			<=	15.0 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	6.5			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.									Req Mon MO AVG			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
					Sample			=	342.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD

00600	**Nitrogen, total [as N]**	1 - Effluent Gross	1	--	**Permit Req.**				Req Mon MO TOTAL	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Value NODI											
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	2	--	**Sample**			=	1466.0	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon CUM TOTL	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Value NODI											
00605	**Nitrogen, organic total [as N]**	1 - Effluent Gross	0	--	**Sample**						=	1.43	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.							Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI											
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	**Sample**	=	0.0			26 - lb/d	=	0.0	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	22.0 MX DA AV			26 - lb/d	<=	4.4 MX DA AV	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI											
00610	**Nitrogen, ammonia total [as N]**	EA - Effluent Adjusted Value	0	--	**Sample**	=	0.0			26 - lb/d	=	0.0	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	6.5 MX MO AV			26 - lb/d	<=	1.3 MX MO AV	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI											
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	**Sample**						=	5.07	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.							Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI											
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	**Sample**	=	0.6			26 - lb/d	=	0.35	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	2.3 MX WK AV			26 - lb/d	<=	0.45 MX WK AV	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI											
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	1	--	**Sample**			=	15.0	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo					01/30 - Monthly	CA - CALCTD
					Value NODI											
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	2	--	**Sample**			=	79.0	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	548.0 CUM TOTL	50 - lb/yr					01/30 - Monthly	CA - CALCTD
					Value NODI											
00665	**Phosphorus, total [as P]**	EG - Effluent Gross	0	--	**Sample**	=	0.5			26 - lb/d	=	0.28	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	1.5 MX MO AV			26 - lb/d	<=	0.3 MX MO AV	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI											
04175	**Phosphate, ortho [as P]**	1 - Effluent Gross	0	--	**Sample**						=	0.2	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.							Req Mon MO AVG	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI											
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	**Sample**	=	0.21	=	0.255	03 - MGD					99/99 - Continuous	RF - RCDFLO
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD					99/99 - Continuous	RF - RCDFLO
					Value NODI											
51040	**E. coli**	1 - Effluent Gross	0	--	**Sample**						=	7.0	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.						<=	60.0 MO MAX	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Value NODI											
82220	**Flow, total**	1 - Effluent Gross	0	--	**Sample**			=	6.3	80 - Mgal/mo					01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo					01/30 - Monthly	CA - CALCTD
					Value NODI											

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

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User: JAYJANNEY

Name: Jay Janney

E-Mail: jjann@menv.com

Date/Time: 2024-10-22 10:17 (Time Zone: -04:00)

Report Last Signed By

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(JULY- SEPTEMBER 2024)

301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

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 | Maryland Environmental Services - W/WW

Report ID 337822 on 7/12/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3367393**
Purchase Order:	**W/WW**	Workorder ID:	**HAMPSTEAD WWTP**

Enclosed are the analytical results for samples received by the laboratory on Wednesday, July 03, 2024.

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 Stacey Welk (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.

Recipient(s):
- Maryland Services-WWW Data - Maryland Environmental Services - WW
- Cheryl Griffin - Maryland Environmental Services
- Jessica Cox - Maryland Environmental Services
- Maryland Services-LF Data - Maryland Environmental Services
- William Herpel - Maryland Environmental Service

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

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3367393001	BTR 201	Water	07/03/2024 09:54	07/03/2024 20:14	CBC	Collected By Client

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.

Detected Results Summary

Not applicable for this WO.

Results

Client Sample ID	BTR 201	Collected	07/03/2024 09:54
Lab Sample ID	3367393001	Lab Receipt	07/03/2024 20:14

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	07/06/2024 15:05	BST	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	07/06/2024 15:05	BST	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	07/06/2024 15:05	BST	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	90.1%	72 – 142	07/06/2024 15:05	
4-Bromofluorobenzene	460-00-4	110%	73 – 119	07/06/2024 15:05	
Dibromofluoromethane	1868-53-7	88%	74 – 132	07/06/2024 15:05	
Toluene-d8	2037-26-5	99.6%	75 – 133	07/06/2024 15:05	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3367393001	BTR 201	EPA 624.1	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3367393001	BTR 201	N/A	N/A	N/A		EPA 624.1	1243008

CHAIN OF CUSTODY / SAMPLE INFORMATION FOR

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (41

3367393

Logged By: KSS
PM: GJM

Laboratory: ALS

Sampler: Garrett Scheller

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: BTR Hamptead WWTP

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Project# / Purpose: AK 9/2020

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR2	BTR 201	G	40 mL G VOA Vial HCl	WW	3	7-3-2024	0954	1,1,1 - Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)
					(3) IC			

Temp By: DPB | WO Temp (°C): 5.3 | Therm ID: 570

Receipt Info Completed By: MAE
Cooler Custody Seal Intact: Y N
Sample Custody Seal Intact: Y N
Received on Ice: Y N NA
Cooler & Samples Intact: Y N
Correct Containers Provided: Y N
Sample Label/COC Agree: Y N
Adequate Sample Volumes: Y N
CR6 Samples Filtered: Y N
DP Samples Filtered: Y N
VOA Trip Blank: Y N
NH3 4 Days?: Y
Rad Screen (uR/...): 1
Courier/Tracking #: 1

SDWA Compliance: Y
PWSID:
WV Containers @ 4°C: Y N

Transferred by:	Received by:	Date: 7.3.24	Time: 1400
Transferred by:	Received by:	Date: 7/3/24	Time: 1814
Transferred by:	Received by:	Date: 7/4/24	Time: 0914

Cooler Receipt Information (LAB USE ONLY)

Sufficient ice? - Yes/No Temp.= _____

Sample containers properly pres'd? - Yes/No If No, explain

5 540

Initials: Date:

301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

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 | Maryland Environmental Services - W/WW

Report ID 348870 on 8/25/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3374966**
Purchase Order:	**W/WW**	Workorder ID:	**HAMPSTEAD WWTP**

Enclosed are the analytical results for samples received by the laboratory on Wednesday, August 21, 2024.

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 Stacey Welk (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.

Recipient(s):
- Maryland Services-WWW Data - Maryland Environmental Services - WW
- Cheryl Griffin - Maryland Environmental Services
- Jessica Cox - Maryland Environmental Services
- Maryland Services-LF Data - Maryland Environmental Services
- William Herpel - Maryland Environmental Service

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

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3374966001	BTR 201	Water	08/21/2024 09:15	08/21/2024 20:50	CBC	Collected By Client

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.

Detected Results Summary

Not applicable for this WO.

Results

Client Sample ID	BTR 201	Collected	08/21/2024 09:15
Lab Sample ID	3374966001	Lab Receipt	08/21/2024 20:50

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	08/22/2024 19:01	BST	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	08/22/2024 19:01	BST	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	08/22/2024 19:01	BST	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	72 – 142	08/22/2024 19:01	
4-Bromofluorobenzene	460-00-4	102%	73 – 119	08/22/2024 19:01	
Dibromofluoromethane	1868-53-7	102%	74 – 132	08/22/2024 19:01	
Toluene-d8	2037-26-5	98.9%	75 – 133	08/22/2024 19:01	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3374966001	BTR 201	EPA 624.1	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3374966001	BTR 201	N/A	N/A	N/A		EPA 624.1	1281939

CHAIN OF CUSTODY / SAMPLE INFORMATION FOI

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (41(

3374966

Logged By: DIG
PM: SIM

Laboratory: ALS

Sampler: Garrett Schaller

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: BTR Hamptead WWTP

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Project# / Purpose: AK 9/2020

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR2	BTR 201	G	40 mL G VOA Vial HCl	WW	3	8/21/24	0915	1,1,1 - Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)

Temp By: DB | WC Temp (°C): 3 | Therm ID: 391

Receipt Info Completed By: CW
Cooler Custody Seal Intact: Y N 0
Sample Custody Seal Intact: Y N
Received on Ice: Y N NA 0
Cooler & Samples Intact: Y N
Correct Containers Provided: Y N 0
Sample Label/COC Agree: Y N
Adequate Sample Volumes: Y N
CR6 Samples Filtered: Y N NA
DP Samples Filtered: Y N
VOA Trip Blank: Y N 0
NH3 4 Days?
Rad Screen (uCi):
Courier/Tracking #:

SDWA Compliance: Y N 0
PWSID:
WV Containers 0 to 6: Y N

Transferred by:	Received by:	Date:	Time:	Cooler Receipt Information (LAB USE ONLY)
Transferred by:	Received by:	Date:	Time:	Sufficient ice? - Yes/No Temp = _____
Transferred by:	Received by: DOUGLAS	Date:	Time:	Sample containers properly pres'd? - Yes/No If No, explain
				Initials: Date:

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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 | Maryland Environmental Services - W/WW

Report ID 352623 on 9/12/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3377111**
Purchase Order:	**W/WW**	Workorder ID:	**HAMPSTEAD WWTP**

Enclosed are the analytical results for samples received by the laboratory on Thursday, September 05, 2024.

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 Stacey Welk (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.

Recipient(s):
- Maryland Services-WWW Data - Maryland Environmental Services - WW
- Cheryl Griffin - Maryland Environmental Services
- Jessica Cox - Maryland Environmental Services
- Maryland Services-LF Data - Maryland Environmental Services
- William Herpel - Maryland Environmental Service

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

Stacey Welk

Stacey Welk *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3377111001	BTR 201	Water	09/05/2024 09:36	09/05/2024 17:15	CBC	Collected By Client

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.

Detected Results Summary

Not applicable for this WO.

Results

Client Sample ID	BTR 201	Collected	09/05/2024 09:36
Lab Sample ID	3377111001	Lab Receipt	09/05/2024 17:15

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1-Trichloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	09/06/2024 20:50	BST	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	09/06/2024 20:50	BST	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	09/06/2024 20:50	BST	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	72 – 142	09/06/2024 20:50	
4-Bromofluorobenzene	460-00-4	103%	73 – 119	09/06/2024 20:50	
Dibromofluoromethane	1868-53-7	97%	74 – 132	09/06/2024 20:50	
Toluene-d8	2037-26-5	104%	75 – 133	09/06/2024 20:50	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3377111001	BTR 201	EPA 624.1	N/A	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3377111001	BTR 201	N/A	N/A	N/A		EPA 624.1	1289887

CHAIN OF CUSTODY / SAMPLE INFORMATION FO[

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (41

3377111

Logged By: DIG
PM: SIH

Laboratory: ALS

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Invoice To: Same

Sampler: Garrett Scheller

Facility Name: BTR Hamptead WWTP

Project# / Purpose: AK 9/2020

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR1	BTR 201	G	40 mL G VOA Vial HCl	WW	3	9/5/24	0936	1,1,1 - Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)
			3 VH					

Temp By: DAG | WO Temp (°C): 5 | Therm ID: 571

Receipt Info Completed By: DAG
Cooler Custody Seal Intact: Y N (NA)
Sample Custody Seal Intact: Y N (NA)
Received on Ice: (Y) N NA
Cooler & Samples Intact: (Y) N
Correct Containers Provided: (Y) N
Sample Label/COC Agree: (Y) N
Adequate Sample Volumes: (Y) N
CRG Samples Filtered: Y N (NA)
OP Samples Filtered: Y N (NA)
VOA Trip Blank: Y N (NA)
Rad Screen (uCi): —
Courier/Tracking: —

SDWA Compliance: Y (N)
PWSID:
WV Containers @ 6°C: Y N (NA)

Transferred by	Received by	Date	Time
Garrett Scheller	[signature]	9/5/24	1100
[signature]	[signature]	9/5/24	1320
[signature]	DAG/DAG	9/[illegible]/24	17[illegible]

Cooler Receipt Information (LAB USE ONLY)
Sufficient ice? - Yes/No Temp.= ______
Sample containers properly pres'd? - Yes/No If No, explain

Initials: Date:

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(AUGUST 2024)

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Michelle Bakkila
Weston Solutions Inc
1400 Weston Way
PO BOX 2653
West Chester, Pennsylvania 19380

Generated 9/19/2024 4:17:21 PM Revision 1

JOB DESCRIPTION

Stanley Black and Decker - Hampstead, MD

JOB NUMBER

500-255665-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

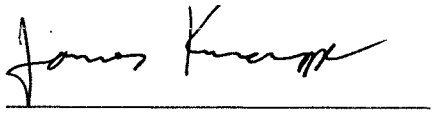
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



Generated
9/19/2024 4:17:21 PM
Revision 1

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
Designee for
Shawn Hayes, Senior Project Manager
Shawn.Hayes@et.eurofinsus.com
(708)534-5200

Table of Contents

Job ID: 500-255665-1 — Eurofins Chicago

Job Narrative
500-255665-1

Revision
The report being provided is a revision of the original report sent on 09/05/24. The report (revision 1) is being revised due to: correct sample #23 taken at 0720 from EW-9 to EW-8.

Receipt
The samples were received on 8/27/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 500-783773 recovered outside control limits for the following analytes: 2-Hexanone and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 500-783773 recovered outside control limits for the following analytes: 1,2,3-Trichloropropane and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Internal standard (1,4-Dichlorobenzene-d4) response was outside of acceptance limits for the following sample: RFW-1A (500-255665-1), RFW-1B (500-255665-2), RFW-2A (500-255665-3), RFW-2B (500-255665-4), RFW-3B (500-255665-5), RFW-4A (500-255665-6), RFW-4B (500-255665-8), RFW-6 (500-255665-9), RFW-7 (500-255665-10) and Trip Blank (500-255665-16). The sample did not have detects of requested analytes using this internal standard. Surrogate 4-Bromofluorobenzene is also being quantized with this internal standard.

Method 8260D: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 500-784176 recovered outside control limits for the following analyte: 1,2-Dibromo-3-Chloropropane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Surrogate 4-Bromofluorobenzene (Surr) recovery for the following samples were outside the upper control limit: RFW-1A (500-255665-1), RFW-1B (500-255665-2), RFW-2A (500-255665-3), RFW-2B (500-255665-4), RFW-3B (500-255665-5), RFW-4A (500-255665-6), RFW-4A DUP (500-255665-7), RFW-4B (500-255665-8), RFW-6 (500-255665-9), RFW-7 (500-255665-10) and Trip Blank (500-255665-16). The samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Client Sample ID: RFW-1A — Lab Sample ID: 500-255665-1

No Detections.

Client Sample ID: RFW-1B — Lab Sample ID: 500-255665-2

No Detections.

Client Sample ID: RFW-2A — Lab Sample ID: 500-255665-3

No Detections.

Client Sample ID: RFW-2B — Lab Sample ID: 500-255665-4

No Detections.

Client Sample ID: RFW-3B — Lab Sample ID: 500-255665-5

No Detections.

Client Sample ID: RFW-4A — Lab Sample ID: 500-255665-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	21		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-4A DUP — Lab Sample ID: 500-255665-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.62	J	1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.8		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	21		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-4B — Lab Sample ID: 500-255665-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	69		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	59		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-6 — Lab Sample ID: 500-255665-9

No Detections.

Client Sample ID: RFW-7 — Lab Sample ID: 500-255665-10

No Detections.

Client Sample ID: RFW-9 — Lab Sample ID: 500-255665-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.3		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	4.2		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-11B — Lab Sample ID: 500-255665-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.21	J	0.50	0.15	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Client Sample ID: RFW-12B — Lab Sample ID: 500-255665-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.2		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	67		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-13 — Lab Sample ID: 500-255665-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.2		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	7.8		1.0	0.39	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	4.7		1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	2.0		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-17 — Lab Sample ID: 500-255665-15

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 500-255665-16

No Detections.

Client Sample ID: EW-2 — Lab Sample ID: 500-255665-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	63		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	55		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-3 — Lab Sample ID: 500-255665-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.65	J	1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	14		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-4 — Lab Sample ID: 500-255665-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.61		0.50	0.21	ug/L	1		8260D	Total/NA
Trichloroethene	0.71		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-5 — Lab Sample ID: 500-255665-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	47		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-6 — Lab Sample ID: 500-255665-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.5		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	3.2		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-7 — Lab Sample ID: 500-255665-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.4		1.0	0.39	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-7 (Continued)

Lab Sample ID: 500-255665-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.0		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-8

Lab Sample ID: 500-255665-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.83	J	1.0	0.36	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	27		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	57		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	4.9		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-9

Lab Sample ID: 500-255665-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	37		1.0	0.39	ug/L	1		8260D	Total/NA

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-255665-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	39		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	0.19	J	0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EW-10

Lab Sample ID: 500-255665-26

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-255665-1	RFW-1A	Water	08/24/24 09:15	08/27/24 09:30
500-255665-2	RFW-1B	Water	08/24/24 09:50	08/27/24 09:30
500-255665-3	RFW-2A	Water	08/24/24 10:40	08/27/24 09:30
500-255665-4	RFW-2B	Water	08/24/24 11:15	08/27/24 09:30
500-255665-5	RFW-3B	Water	08/24/24 12:10	08/27/24 09:30
500-255665-6	RFW-4A	Water	08/25/24 12:15	08/27/24 09:30
500-255665-7	RFW-4A DUP	Water	08/25/24 12:15	08/27/24 09:30
500-255665-8	RFW-4B	Water	08/25/24 12:50	08/27/24 09:30
500-255665-9	RFW-6	Water	08/24/24 14:50	08/27/24 09:30
500-255665-10	RFW-7	Water	08/24/24 13:45	08/27/24 09:30
500-255665-11	RFW-9	Water	08/25/24 11:15	08/27/24 09:30
500-255665-12	RFW-11B	Water	08/24/24 15:45	08/27/24 09:30
500-255665-13	RFW-12B	Water	08/25/24 14:05	08/27/24 09:30
500-255665-14	RFW-13	Water	08/24/24 16:45	08/27/24 09:30
500-255665-15	RFW-17	Water	08/25/24 10:15	08/27/24 09:30
500-255665-16	Trip Blank	Water	08/24/24 09:00	08/27/24 09:30
500-255665-17	EW-2	Water	08/25/24 08:45	08/27/24 09:30
500-255665-18	EW-3	Water	08/25/24 08:30	08/27/24 09:30
500-255665-19	EW-4	Water	08/25/24 08:20	08/27/24 09:30
500-255665-20	EW-5	Water	08/25/24 08:00	08/27/24 09:30
500-255665-21	EW-6	Water	08/25/24 07:45	08/27/24 09:30
500-255665-22	EW-7	Water	08/25/24 07:35	08/27/24 09:30
500-255665-23	EW-8	Water	08/25/24 07:20	08/27/24 09:30
500-255665-24	EW-9	Water	08/25/24 07:10	08/27/24 09:30
500-255665-25	EW-9 DUP	Water	08/25/24 07:10	08/27/24 09:30
500-255665-26	EW-10	Water	08/25/24 06:55	08/27/24 09:30

Client Sample ID: RFW-1A
Date Collected: 08/24/24 09:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 18:27	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 18:27	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 18:27	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 18:27	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 18:27	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 18:27	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 18:27	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 18:27	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 18:27	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 18:27	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 18:27	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 18:27	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 18:27	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 18:27	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 18:27	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 18:27	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 18:27	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 18:27	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 18:27	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 18:27	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 18:27	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 18:27	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 18:27	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 18:27	1
Acetone	<10		10	4.3	ug/L			08/29/24 18:27	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 18:27	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 18:27	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 18:27	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 18:27	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 18:27	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 18:27	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 18:27	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 18:27	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 18:27	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 18:27	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 18:27	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 18:27	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 18:27	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 18:27	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 18:27	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 18:27	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 18:27	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 18:27	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 18:27	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 18:27	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 18:27	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 18:27	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 18:27	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 18:27	1

Client Sample ID: RFW-1A
Date Collected: 08/24/24 09:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 18:27	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 18:27	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 18:27	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 18:27	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 18:27	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 18:27	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 18:27	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 18:27	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 18:27	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 18:27	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 18:27	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 18:27	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 18:27	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 18:27	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*08/29/24 18:27*	*1*
4-Bromofluorobenzene (Surr)	*102*	*3	*72 - 124*		*08/29/24 18:27*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*08/29/24 18:27*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*08/29/24 18:27*	*1*

Client Sample ID: RFW-1B

Date Collected: 08/24/24 09:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 18:50	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 18:50	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 18:50	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 18:50	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 18:50	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 18:50	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 18:50	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 18:50	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 18:50	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 18:50	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 18:50	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 18:50	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 18:50	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 18:50	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 18:50	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 18:50	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 18:50	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 18:50	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 18:50	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 18:50	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 18:50	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 18:50	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 18:50	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 18:50	1
Acetone	<10		10	4.3	ug/L			08/29/24 18:50	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 18:50	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 18:50	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 18:50	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 18:50	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 18:50	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 18:50	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 18:50	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 18:50	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 18:50	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 18:50	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 18:50	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 18:50	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 18:50	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 18:50	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 18:50	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 18:50	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 18:50	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 18:50	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 18:50	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 18:50	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 18:50	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 18:50	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 18:50	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 18:50	1

Client Sample ID: RFW-1B
Date Collected: 08/24/24 09:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 18:50	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 18:50	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 18:50	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 18:50	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 18:50	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 18:50	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 18:50	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 18:50	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 18:50	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 18:50	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 18:50	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 18:50	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 18:50	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 18:50	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*08/29/24 18:50*	*1*
4-Bromofluorobenzene (Surr)	*104*	*3	*72 - 124*		*08/29/24 18:50*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*08/29/24 18:50*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*08/29/24 18:50*	*1*

Client Sample ID: RFW-2A
Date Collected: 08/24/24 10:40
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 19:14	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 19:14	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 19:14	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 19:14	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 19:14	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 19:14	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 19:14	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 19:14	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 19:14	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 19:14	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 19:14	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 19:14	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 19:14	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 19:14	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 19:14	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 19:14	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 19:14	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 19:14	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 19:14	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 19:14	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 19:14	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 19:14	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 19:14	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 19:14	1
Acetone	<10		10	4.3	ug/L			08/29/24 19:14	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 19:14	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 19:14	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 19:14	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 19:14	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 19:14	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 19:14	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 19:14	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 19:14	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 19:14	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 19:14	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 19:14	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 19:14	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 19:14	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 19:14	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 19:14	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 19:14	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 19:14	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:14	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 19:14	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 19:14	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 19:14	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 19:14	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 19:14	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 19:14	1

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Client Sample ID: RFW-2A
Date Collected: 08/24/24 10:40
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 19:14	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 19:14	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 19:14	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 19:14	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 19:14	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 19:14	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 19:14	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 19:14	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 19:14	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 19:14	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 19:14	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 19:14	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 19:14	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 19:14	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*08/29/24 19:14*	*1*
4-Bromofluorobenzene (Surr)	*104*	*3	*72 - 124*		*08/29/24 19:14*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*08/29/24 19:14*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*08/29/24 19:14*	*1*

Client Sample ID: RFW-2B

Date Collected: 08/24/24 11:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 19:37	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 19:37	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 19:37	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 19:37	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 19:37	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 19:37	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 19:37	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 19:37	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 19:37	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 19:37	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 19:37	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 19:37	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 19:37	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 19:37	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 19:37	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 19:37	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 19:37	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 19:37	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 19:37	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 19:37	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 19:37	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 19:37	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 19:37	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 19:37	1
Acetone	<10		10	4.3	ug/L			08/29/24 19:37	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 19:37	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 19:37	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 19:37	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 19:37	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 19:37	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 19:37	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 19:37	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 19:37	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 19:37	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 19:37	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 19:37	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 19:37	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 19:37	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 19:37	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 19:37	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 19:37	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 19:37	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:37	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 19:37	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 19:37	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 19:37	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 19:37	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 19:37	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 19:37	1

Client Sample ID: RFW-2B
Date Collected: 08/24/24 11:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 19:37	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 19:37	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 19:37	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 19:37	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 19:37	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 19:37	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 19:37	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 19:37	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 19:37	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 19:37	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 19:37	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 19:37	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 19:37	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 19:37	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*08/29/24 19:37*	*1*
4-Bromofluorobenzene (Surr)	*103*	*3	*72 - 124*		*08/29/24 19:37*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*08/29/24 19:37*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*08/29/24 19:37*	*1*

Client Sample ID: RFW-3B
Date Collected: 08/24/24 12:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 20:00	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 20:00	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 20:00	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 20:00	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 20:00	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 20:00	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 20:00	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 20:00	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 20:00	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 20:00	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 20:00	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 20:00	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 20:00	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 20:00	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 20:00	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 20:00	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:00	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 20:00	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 20:00	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 20:00	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 20:00	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 20:00	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 20:00	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 20:00	1
Acetone	<10		10	4.3	ug/L			08/29/24 20:00	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 20:00	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 20:00	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 20:00	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 20:00	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 20:00	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 20:00	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 20:00	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 20:00	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 20:00	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 20:00	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 20:00	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 20:00	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 20:00	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 20:00	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 20:00	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 20:00	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 20:00	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:00	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 20:00	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:00	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 20:00	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 20:00	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 20:00	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 20:00	1

Client Sample ID: RFW-3B
Date Collected: 08/24/24 12:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 20:00	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 20:00	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 20:00	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 20:00	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:00	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 20:00	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 20:00	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 20:00	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 20:00	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 20:00	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 20:00	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 20:00	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 20:00	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 20:00	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*08/29/24 20:00*	*1*
4-Bromofluorobenzene (Surr)	*105*	*3	*72 - 124*		*08/29/24 20:00*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*08/29/24 20:00*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/29/24 20:00*	*1*

Client Sample ID: RFW-4A

Date Collected: 08/25/24 12:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 20:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 20:24	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 20:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 20:24	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 20:24	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 20:24	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 20:24	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 20:24	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 20:24	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 20:24	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 20:24	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 20:24	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 20:24	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 20:24	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 20:24	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 20:24	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:24	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 20:24	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 20:24	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 20:24	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 20:24	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 20:24	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 20:24	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 20:24	1
Acetone	<10		10	4.3	ug/L			08/29/24 20:24	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 20:24	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 20:24	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 20:24	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 20:24	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 20:24	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 20:24	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 20:24	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 20:24	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 20:24	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 20:24	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 20:24	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 20:24	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 20:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 20:24	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 20:24	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 20:24	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 20:24	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:24	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 20:24	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:24	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 20:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 20:24	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 20:24	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 20:24	1

Client Sample ID: RFW-4A
Date Collected: 08/25/24 12:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 20:24	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 20:24	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 20:24	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 20:24	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:24	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 20:24	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 20:24	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 20:24	1
Tetrachloroethene	**11**		1.0	0.39	ug/L			08/29/24 20:24	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 20:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 20:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 20:24	1
Trichloroethene	**21**		0.50	0.15	ug/L			08/29/24 20:24	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 20:24	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*08/29/24 20:24*	*1*
4-Bromofluorobenzene (Surr)	*103*	*3	*72 - 124*		*08/29/24 20:24*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*08/29/24 20:24*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*08/29/24 20:24*	*1*

Client Sample ID: RFW-4A DUP
Date Collected: 08/25/24 12:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 20:47	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 20:47	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 20:47	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 20:47	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 20:47	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 20:47	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 20:47	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 20:47	1
1,2,3-Trichloropropane	<2.0	*3 *+	2.0	1.5	ug/L			08/29/24 20:47	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 20:47	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 20:47	1
1,2-Dibromo-3-Chloropropane	<5.0	*3 *+	5.0	3.9	ug/L			08/29/24 20:47	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 20:47	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 20:47	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 20:47	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 20:47	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:47	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 20:47	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 20:47	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 20:47	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 20:47	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 20:47	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 20:47	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 20:47	1
Acetone	<10		10	4.3	ug/L			08/29/24 20:47	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 20:47	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 20:47	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 20:47	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 20:47	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 20:47	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 20:47	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 20:47	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 20:47	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 20:47	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 20:47	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 20:47	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 20:47	1
cis-1,2-Dichloroethene	**0.62**	**J**	1.0	0.42	ug/L			08/29/24 20:47	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 20:47	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 20:47	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 20:47	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 20:47	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:47	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 20:47	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:47	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 20:47	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 20:47	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 20:47	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 20:47	1

Client Sample ID: RFW-4A DUP
Date Collected: 08/25/24 12:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 20:47	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 20:47	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 20:47	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 20:47	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 20:47	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 20:47	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 20:47	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 20:47	1
Tetrachloroethene	**9.8**		1.0	0.39	ug/L			08/29/24 20:47	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 20:47	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 20:47	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 20:47	1
Trichloroethene	**21**		0.50	0.15	ug/L			08/29/24 20:47	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 20:47	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*08/29/24 20:47*	*1*
4-Bromofluorobenzene (Surr)	*103*	*3	*72 - 124*		*08/29/24 20:47*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*08/29/24 20:47*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*08/29/24 20:47*	*1*

Client Sample ID: RFW-4B

Date Collected: 08/25/24 12:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 21:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 21:11	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 21:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 21:11	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 21:11	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 21:11	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 21:11	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 21:11	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 21:11	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 21:11	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 21:11	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 21:11	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 21:11	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 21:11	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 21:11	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 21:11	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:11	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 21:11	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 21:11	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 21:11	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 21:11	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 21:11	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 21:11	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 21:11	1
Acetone	<10		10	4.3	ug/L			08/29/24 21:11	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 21:11	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 21:11	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 21:11	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 21:11	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 21:11	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 21:11	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 21:11	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 21:11	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 21:11	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 21:11	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 21:11	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 21:11	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.42	ug/L			08/29/24 21:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 21:11	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 21:11	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 21:11	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 21:11	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 21:11	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 21:11	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:11	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 21:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 21:11	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 21:11	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 21:11	1

Client Sample ID: RFW-4B

Date Collected: 08/25/24 12:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 21:11	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 21:11	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 21:11	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 21:11	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:11	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 21:11	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 21:11	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 21:11	1
Tetrachloroethene	**69**		1.0	0.39	ug/L			08/29/24 21:11	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 21:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 21:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 21:11	1
Trichloroethene	**59**		0.50	0.15	ug/L			08/29/24 21:11	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 21:11	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*08/29/24 21:11*	*1*
4-Bromofluorobenzene (Surr)	*104*	*3	*72 - 124*		*08/29/24 21:11*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*08/29/24 21:11*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/29/24 21:11*	*1*

Client Sample ID: RFW-6
Date Collected: 08/24/24 14:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 21:34	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 21:34	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 21:34	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 21:34	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 21:34	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 21:34	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 21:34	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 21:34	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 21:34	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 21:34	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 21:34	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 21:34	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 21:34	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 21:34	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 21:34	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 21:34	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:34	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 21:34	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 21:34	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 21:34	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 21:34	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 21:34	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 21:34	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 21:34	1
Acetone	<10		10	4.3	ug/L			08/29/24 21:34	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 21:34	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 21:34	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 21:34	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 21:34	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 21:34	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 21:34	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 21:34	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 21:34	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 21:34	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 21:34	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 21:34	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 21:34	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 21:34	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 21:34	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 21:34	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 21:34	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 21:34	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 21:34	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 21:34	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:34	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 21:34	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 21:34	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 21:34	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 21:34	1

Client Sample ID: RFW-6
Date Collected: 08/24/24 14:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 21:34	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 21:34	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 21:34	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 21:34	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:34	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 21:34	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 21:34	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 21:34	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 21:34	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 21:34	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 21:34	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 21:34	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 21:34	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 21:34	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*08/29/24 21:34*	*1*
4-Bromofluorobenzene (Surr)	*103*	*3	*72 - 124*		*08/29/24 21:34*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*08/29/24 21:34*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*08/29/24 21:34*	*1*

Client Sample ID: RFW-7
Date Collected: 08/24/24 13:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 21:57	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 21:57	1
1,1,2,2-Tetrachloroethane	<1.0	*3	1.0	0.65	ug/L			08/29/24 21:57	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 21:57	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 21:57	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 21:57	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 21:57	1
1,2,3-Trichlorobenzene	<1.0	*3	1.0	0.35	ug/L			08/29/24 21:57	1
1,2,3-Trichloropropane	<2.0	*+ *3	2.0	1.5	ug/L			08/29/24 21:57	1
1,2,4-Trichlorobenzene	<1.0	*3	1.0	0.31	ug/L			08/29/24 21:57	1
1,2,4-Trimethylbenzene	<1.0	*3	1.0	0.30	ug/L			08/29/24 21:57	1
1,2-Dibromo-3-Chloropropane	<5.0	*+ *3	5.0	3.9	ug/L			08/29/24 21:57	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 21:57	1
1,2-Dichlorobenzene	<1.0	*3	1.0	0.48	ug/L			08/29/24 21:57	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 21:57	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 21:57	1
1,3,5-Trimethylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:57	1
1,3-Dichlorobenzene	<1.0	*3	1.0	0.41	ug/L			08/29/24 21:57	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 21:57	1
1,4-Dichlorobenzene	<1.0	*3	1.0	0.45	ug/L			08/29/24 21:57	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 21:57	1
2-Chlorotoluene	<1.0	*3	1.0	0.36	ug/L			08/29/24 21:57	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 21:57	1
4-Chlorotoluene	<1.0	*3	1.0	0.34	ug/L			08/29/24 21:57	1
Acetone	<10		10	4.3	ug/L			08/29/24 21:57	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 21:57	1
Bromobenzene	<1.0	*3	1.0	0.60	ug/L			08/29/24 21:57	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 21:57	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 21:57	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 21:57	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 21:57	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 21:57	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 21:57	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 21:57	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 21:57	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 21:57	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 21:57	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 21:57	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 21:57	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 21:57	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 21:57	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 21:57	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 21:57	1
Hexachlorobutadiene	<1.0	*3	1.0	0.54	ug/L			08/29/24 21:57	1
Isopropylbenzene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:57	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 21:57	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 21:57	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 21:57	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 21:57	1

Client Sample ID: RFW-7
Date Collected: 08/24/24 13:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0	*3	1.0	0.44	ug/L			08/29/24 21:57	1
n-Butylbenzene	<1.0	*3	1.0	0.33	ug/L			08/29/24 21:57	1
N-Propylbenzene	<1.0	*3	1.0	0.32	ug/L			08/29/24 21:57	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 21:57	1
p-Isopropyltoluene	<1.0	*3	1.0	0.29	ug/L			08/29/24 21:57	1
sec-Butylbenzene	<1.0	*3	1.0	0.27	ug/L			08/29/24 21:57	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 21:57	1
tert-Butylbenzene	<1.0	*3	1.0	0.26	ug/L			08/29/24 21:57	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 21:57	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 21:57	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 21:57	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 21:57	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 21:57	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 21:57	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*08/29/24 21:57*	*1*
4-Bromofluorobenzene (Surr)	*107*	*3	*72 - 124*		*08/29/24 21:57*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 120*		*08/29/24 21:57*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*08/29/24 21:57*	*1*

Client Sample ID: RFW-9
Date Collected: 08/25/24 11:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 16:01	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 16:01	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 16:01	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 16:01	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 16:01	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 16:01	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 16:01	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 16:01	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 16:01	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 16:01	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 16:01	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 16:01	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 16:01	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 16:01	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 16:01	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 16:01	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:01	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:01	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 16:01	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 16:01	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 16:01	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 16:01	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 16:01	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 16:01	1
Acetone	<10		10	4.3	ug/L			09/03/24 16:01	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 16:01	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 16:01	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 16:01	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 16:01	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 16:01	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 16:01	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 16:01	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 16:01	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:01	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 16:01	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 16:01	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 16:01	1
cis-1,2-Dichloroethene	**17**		1.0	0.42	ug/L			09/03/24 16:01	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 16:01	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 16:01	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 16:01	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 16:01	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 16:01	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 16:01	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:01	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 16:01	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 16:01	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 16:01	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 16:01	1

Client Sample ID: RFW-9
Date Collected: 08/25/24 11:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 16:01	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 16:01	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 16:01	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 16:01	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 16:01	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 16:01	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 16:01	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 16:01	1
Tetrachloroethene	**3.3**		1.0	0.39	ug/L			09/03/24 16:01	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 16:01	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 16:01	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 16:01	1
Trichloroethene	**4.2**		0.50	0.15	ug/L			09/03/24 16:01	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 16:01	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*09/03/24 16:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*09/03/24 16:01*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*09/03/24 16:01*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/03/24 16:01*	*1*

Client Sample ID: RFW-11B
Date Collected: 08/24/24 15:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 16:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 16:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 16:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 16:24	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 16:24	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 16:24	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 16:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 16:24	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 16:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 16:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 16:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 16:24	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 16:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 16:24	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 16:24	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 16:24	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:24	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 16:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 16:24	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 16:24	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 16:24	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 16:24	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 16:24	1
Acetone	<10		10	4.3	ug/L			09/03/24 16:24	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 16:24	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 16:24	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 16:24	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 16:24	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 16:24	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 16:24	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 16:24	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 16:24	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:24	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 16:24	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 16:24	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 16:24	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 16:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 16:24	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 16:24	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 16:24	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 16:24	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 16:24	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 16:24	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:24	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 16:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 16:24	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 16:24	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 16:24	1

Client Sample ID: RFW-11B
Date Collected: 08/24/24 15:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 16:24	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 16:24	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 16:24	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 16:24	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 16:24	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 16:24	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 16:24	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 16:24	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 16:24	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 16:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 16:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 16:24	1
Trichloroethene	**0.21**	**J**	0.50	0.15	ug/L			09/03/24 16:24	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 16:24	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*09/03/24 16:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*09/03/24 16:24*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*09/03/24 16:24*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/03/24 16:24*	*1*

Client Sample ID: RFW-12B

Date Collected: 08/25/24 14:05
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-13

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 16:47	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 16:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 16:47	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 16:47	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 16:47	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 16:47	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 16:47	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 16:47	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 16:47	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 16:47	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 16:47	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 16:47	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 16:47	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 16:47	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 16:47	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 16:47	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:47	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:47	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 16:47	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 16:47	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 16:47	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 16:47	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 16:47	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 16:47	1
Acetone	<10		10	4.3	ug/L			09/03/24 16:47	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 16:47	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 16:47	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 16:47	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 16:47	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 16:47	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 16:47	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 16:47	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 16:47	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:47	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 16:47	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 16:47	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 16:47	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.42	ug/L			09/03/24 16:47	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 16:47	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 16:47	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 16:47	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 16:47	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 16:47	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 16:47	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:47	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 16:47	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 16:47	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 16:47	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 16:47	1

Client Sample ID: RFW-12B
Date Collected: 08/25/24 14:05
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 16:47	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 16:47	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 16:47	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 16:47	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 16:47	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 16:47	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 16:47	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 16:47	1
Tetrachloroethene	**4.2**		1.0	0.39	ug/L			09/03/24 16:47	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 16:47	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 16:47	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 16:47	1
Trichloroethene	**67**		0.50	0.15	ug/L			09/03/24 16:47	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 16:47	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*09/03/24 16:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*09/03/24 16:47*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*09/03/24 16:47*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*09/03/24 16:47*	*1*

Client Sample ID: RFW-13
Date Collected: 08/24/24 16:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 17:10	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 17:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 17:10	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 17:10	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 17:10	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 17:10	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 17:10	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 17:10	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 17:10	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 17:10	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 17:10	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 17:10	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 17:10	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 17:10	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 17:10	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 17:10	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 17:10	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 17:10	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 17:10	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 17:10	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 17:10	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 17:10	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 17:10	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 17:10	1
Acetone	<10		10	4.3	ug/L			09/03/24 17:10	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 17:10	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 17:10	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 17:10	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 17:10	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 17:10	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 17:10	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 17:10	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 17:10	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 17:10	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 17:10	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 17:10	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 17:10	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.42	ug/L			09/03/24 17:10	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 17:10	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 17:10	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 17:10	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 17:10	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 17:10	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 17:10	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 17:10	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 17:10	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 17:10	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 17:10	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 17:10	1

Client Sample ID: RFW-13
Date Collected: 08/24/24 16:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 17:10	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 17:10	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 17:10	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 17:10	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 17:10	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 17:10	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 17:10	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 17:10	1
Tetrachloroethene	**7.8**		1.0	0.39	ug/L			09/03/24 17:10	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 17:10	1
trans-1,2-Dichloroethene	**4.7**		1.0	0.44	ug/L			09/03/24 17:10	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 17:10	1
Trichloroethene	**2.0**		0.50	0.15	ug/L			09/03/24 17:10	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 17:10	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*09/03/24 17:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*09/03/24 17:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*09/03/24 17:10*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/03/24 17:10*	*1*

Client Sample ID: RFW-17
Date Collected: 08/25/24 10:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 17:33	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 17:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 17:33	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 17:33	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 17:33	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 17:33	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 17:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 17:33	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 17:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 17:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 17:33	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 17:33	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 17:33	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 17:33	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 17:33	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 17:33	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 17:33	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 17:33	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 17:33	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 17:33	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 17:33	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 17:33	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 17:33	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 17:33	1
Acetone	<10		10	4.3	ug/L			09/03/24 17:33	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 17:33	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 17:33	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 17:33	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 17:33	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 17:33	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 17:33	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 17:33	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 17:33	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 17:33	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 17:33	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 17:33	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 17:33	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 17:33	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 17:33	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 17:33	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 17:33	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 17:33	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 17:33	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 17:33	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 17:33	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 17:33	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 17:33	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 17:33	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 17:33	1

Client Sample ID: RFW-17
Date Collected: 08/25/24 10:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 17:33	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 17:33	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 17:33	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 17:33	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 17:33	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 17:33	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 17:33	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 17:33	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 17:33	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 17:33	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 17:33	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 17:33	1
Trichloroethene	<0.50		0.50	0.15	ug/L			09/03/24 17:33	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 17:33	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*09/03/24 17:33*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*09/03/24 17:33*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*09/03/24 17:33*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/03/24 17:33*	*1*

Client Sample ID: Trip Blank

Date Collected: 08/24/24 09:00
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-16

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 14:32	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 14:32	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			08/29/24 14:32	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 14:32	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 14:32	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 14:32	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 14:32	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			08/29/24 14:32	1
1,2,3-Trichloropropane	<2.0	*+	2.0	1.5	ug/L			08/29/24 14:32	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			08/29/24 14:32	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			08/29/24 14:32	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			08/29/24 14:32	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 14:32	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			08/29/24 14:32	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 14:32	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 14:32	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			08/29/24 14:32	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 14:32	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 14:32	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			08/29/24 14:32	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 14:32	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			08/29/24 14:32	1
2-Hexanone	<5.0	*+	5.0	2.2	ug/L			08/29/24 14:32	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			08/29/24 14:32	1
Acetone	<10		10	4.3	ug/L			08/29/24 14:32	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 14:32	1
Bromobenzene	<1.0		1.0	0.60	ug/L			08/29/24 14:32	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 14:32	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 14:32	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 14:32	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 14:32	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 14:32	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 14:32	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 14:32	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 14:32	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 14:32	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 14:32	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 14:32	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 14:32	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 14:32	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 14:32	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 14:32	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 14:32	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			08/29/24 14:32	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			08/29/24 14:32	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 14:32	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 14:32	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 14:32	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 14:32	1

Client Sample ID: Trip Blank
Date Collected: 08/24/24 09:00
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			08/29/24 14:32	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			08/29/24 14:32	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			08/29/24 14:32	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 14:32	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			08/29/24 14:32	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			08/29/24 14:32	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 14:32	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			08/29/24 14:32	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 14:32	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 14:32	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 14:32	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 14:32	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 14:32	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 14:32	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*08/29/24 14:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*08/29/24 14:32*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*08/29/24 14:32*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*08/29/24 14:32*	*1*

Client Sample ID: EW-2
Date Collected: 08/25/24 08:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-17
Matrix: Water

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Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 17:56	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 17:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 17:56	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 17:56	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 17:56	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 17:56	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 17:56	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 17:56	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 17:56	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 17:56	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 17:56	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 17:56	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 17:56	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 17:56	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 17:56	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 17:56	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 17:56	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 17:56	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 17:56	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 17:56	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 17:56	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 17:56	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 17:56	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 17:56	1
Acetone	<10		10	4.3	ug/L			09/03/24 17:56	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 17:56	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 17:56	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 17:56	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 17:56	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 17:56	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 17:56	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 17:56	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 17:56	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 17:56	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 17:56	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 17:56	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 17:56	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.42	ug/L			09/03/24 17:56	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 17:56	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 17:56	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 17:56	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 17:56	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 17:56	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 17:56	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 17:56	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 17:56	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 17:56	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 17:56	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 17:56	1

Client Sample ID: EW-2
Date Collected: 08/25/24 08:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 17:56	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 17:56	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 17:56	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 17:56	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 17:56	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 17:56	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 17:56	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 17:56	1
Tetrachloroethene	**63**		1.0	0.39	ug/L			09/03/24 17:56	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 17:56	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 17:56	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 17:56	1
Trichloroethene	**55**		0.50	0.15	ug/L			09/03/24 17:56	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 17:56	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*09/03/24 17:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*09/03/24 17:56*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*09/03/24 17:56*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/03/24 17:56*	*1*

Client Sample ID: EW-3
Date Collected: 08/25/24 08:30
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 18:20	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 18:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 18:20	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 18:20	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 18:20	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 18:20	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 18:20	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 18:20	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 18:20	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 18:20	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 18:20	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 18:20	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 18:20	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 18:20	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 18:20	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 18:20	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 18:20	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 18:20	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 18:20	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 18:20	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 18:20	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 18:20	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 18:20	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 18:20	1
Acetone	<10		10	4.3	ug/L			09/03/24 18:20	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 18:20	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 18:20	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 18:20	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 18:20	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 18:20	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 18:20	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 18:20	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 18:20	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 18:20	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 18:20	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 18:20	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 18:20	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.42	ug/L			09/03/24 18:20	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 18:20	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 18:20	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 18:20	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 18:20	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 18:20	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 18:20	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 18:20	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 18:20	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 18:20	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 18:20	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 18:20	1

Client Sample ID: EW-3
Date Collected: 08/25/24 08:30
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 18:20	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 18:20	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 18:20	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 18:20	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 18:20	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 18:20	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 18:20	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 18:20	1
Tetrachloroethene	**0.65**	J	1.0	0.39	ug/L			09/03/24 18:20	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 18:20	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 18:20	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 18:20	1
Trichloroethene	**14**		0.50	0.15	ug/L			09/03/24 18:20	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 18:20	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*09/03/24 18:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*09/03/24 18:20*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*09/03/24 18:20*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/03/24 18:20*	*1*

Client Sample ID: EW-4
Date Collected: 08/25/24 08:20
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 18:28	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 18:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 18:28	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 18:28	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 18:28	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 18:28	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 18:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 18:28	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 18:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 18:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 18:28	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 18:28	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 18:28	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 18:28	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 18:28	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 18:28	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 18:28	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 18:28	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 18:28	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 18:28	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 18:28	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 18:28	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 18:28	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 18:28	1
Acetone	<10		10	4.3	ug/L			09/03/24 18:28	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 18:28	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 18:28	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 18:28	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 18:28	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 18:28	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 18:28	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 18:28	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 18:28	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 18:28	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 18:28	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 18:28	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 18:28	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 18:28	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 18:28	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 18:28	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 18:28	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 18:28	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 18:28	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 18:28	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 18:28	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 18:28	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 18:28	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 18:28	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 18:28	1

Client Sample ID: EW-4
Date Collected: 08/25/24 08:20
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 18:28	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 18:28	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 18:28	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 18:28	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 18:28	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 18:28	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 18:28	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 18:28	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 18:28	1
Toluene	**0.61**		0.50	0.21	ug/L			09/03/24 18:28	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 18:28	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 18:28	1
Trichloroethene	**0.71**		0.50	0.15	ug/L			09/03/24 18:28	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 18:28	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*09/03/24 18:28*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*09/03/24 18:28*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*09/03/24 18:28*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*09/03/24 18:28*	*1*

Client Sample ID: EW-5
Date Collected: 08/25/24 08:00
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 18:52	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 18:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 18:52	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 18:52	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 18:52	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 18:52	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 18:52	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 18:52	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 18:52	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 18:52	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 18:52	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 18:52	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 18:52	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 18:52	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 18:52	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 18:52	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 18:52	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 18:52	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 18:52	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 18:52	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 18:52	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 18:52	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 18:52	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 18:52	1
Acetone	<10		10	4.3	ug/L			09/03/24 18:52	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 18:52	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 18:52	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 18:52	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 18:52	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 18:52	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 18:52	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 18:52	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 18:52	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 18:52	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 18:52	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 18:52	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 18:52	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 18:52	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 18:52	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 18:52	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 18:52	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 18:52	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 18:52	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 18:52	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 18:52	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 18:52	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 18:52	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 18:52	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 18:52	1

Client Sample ID: EW-5
Date Collected: 08/25/24 08:00
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 18:52	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 18:52	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 18:52	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 18:52	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 18:52	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 18:52	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 18:52	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 18:52	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 18:52	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 18:52	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 18:52	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 18:52	1
Trichloroethene	**47**		0.50	0.15	ug/L			09/03/24 18:52	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 18:52	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*09/03/24 18:52*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*09/03/24 18:52*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*09/03/24 18:52*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*09/03/24 18:52*	*1*

Client Sample ID: EW-6
Date Collected: 08/25/24 07:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-21
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 19:15	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 19:15	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 19:15	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 19:15	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 19:15	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 19:15	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 19:15	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 19:15	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 19:15	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 19:15	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 19:15	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 19:15	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 19:15	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 19:15	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 19:15	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 19:15	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 19:15	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 19:15	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 19:15	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 19:15	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 19:15	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 19:15	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 19:15	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 19:15	1
Acetone	<10		10	4.3	ug/L			09/03/24 19:15	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 19:15	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 19:15	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 19:15	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 19:15	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 19:15	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 19:15	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 19:15	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 19:15	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 19:15	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 19:15	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 19:15	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 19:15	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 19:15	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 19:15	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 19:15	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 19:15	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 19:15	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 19:15	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 19:15	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 19:15	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 19:15	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 19:15	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 19:15	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 19:15	1

Client Sample ID: EW-6

Date Collected: 08/25/24 07:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-21

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 19:15	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 19:15	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 19:15	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 19:15	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 19:15	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 19:15	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 19:15	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 19:15	1
Tetrachloroethene	**6.5**		1.0	0.39	ug/L			09/03/24 19:15	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 19:15	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 19:15	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 19:15	1
Trichloroethene	**3.2**		0.50	0.15	ug/L			09/03/24 19:15	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 19:15	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*09/03/24 19:15*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*09/03/24 19:15*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*09/03/24 19:15*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*09/03/24 19:15*	*1*

Client Sample ID: EW-7
Date Collected: 08/25/24 07:35
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-22
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 19:38	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 19:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 19:38	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 19:38	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 19:38	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 19:38	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 19:38	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 19:38	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 19:38	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 19:38	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 19:38	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 19:38	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 19:38	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 19:38	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 19:38	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 19:38	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 19:38	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 19:38	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 19:38	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 19:38	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 19:38	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 19:38	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 19:38	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 19:38	1
Acetone	<10		10	4.3	ug/L			09/03/24 19:38	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 19:38	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 19:38	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 19:38	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 19:38	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 19:38	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 19:38	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 19:38	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 19:38	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 19:38	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 19:38	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 19:38	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 19:38	1
cis-1,2-Dichloroethene	**5.0**		1.0	0.42	ug/L			09/03/24 19:38	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 19:38	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 19:38	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 19:38	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 19:38	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 19:38	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 19:38	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 19:38	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 19:38	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 19:38	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 19:38	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 19:38	1

Client Sample ID: EW-7
Date Collected: 08/25/24 07:35
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-22
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 19:38	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 19:38	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 19:38	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 19:38	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 19:38	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 19:38	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 19:38	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 19:38	1
Tetrachloroethene	**9.4**		1.0	0.39	ug/L			09/03/24 19:38	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 19:38	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 19:38	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 19:38	1
Trichloroethene	**3.0**		0.50	0.15	ug/L			09/03/24 19:38	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 19:38	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*09/03/24 19:38*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*09/03/24 19:38*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*09/03/24 19:38*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*09/03/24 19:38*	*1*

Client Sample ID: EW-8
Date Collected: 08/25/24 07:20
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-23
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 20:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 20:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 20:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 20:02	1
1,1-Dichloroethane	**0.83**	J	1.0	0.36	ug/L			09/03/24 20:02	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 20:02	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 20:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 20:02	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 20:02	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 20:02	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 20:02	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 20:02	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 20:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 20:02	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 20:02	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 20:02	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 20:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 20:02	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 20:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 20:02	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 20:02	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 20:02	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 20:02	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 20:02	1
Acetone	<10		10	4.3	ug/L			09/03/24 20:02	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 20:02	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 20:02	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 20:02	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 20:02	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 20:02	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 20:02	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 20:02	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 20:02	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 20:02	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 20:02	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 20:02	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 20:02	1
cis-1,2-Dichloroethene	**27**		1.0	0.42	ug/L			09/03/24 20:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 20:02	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 20:02	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 20:02	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 20:02	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 20:02	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 20:02	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 20:02	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 20:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 20:02	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 20:02	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 20:02	1

Client Sample ID: EW-8
Date Collected: 08/25/24 07:20
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-23
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 20:02	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 20:02	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 20:02	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 20:02	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 20:02	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 20:02	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 20:02	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 20:02	1
Tetrachloroethene	**57**		1.0	0.39	ug/L			09/03/24 20:02	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 20:02	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 20:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 20:02	1
Trichloroethene	**4.9**		0.50	0.15	ug/L			09/03/24 20:02	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 20:02	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*09/03/24 20:02*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*09/03/24 20:02*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*09/03/24 20:02*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*09/03/24 20:02*	*1*

Client Sample ID: EW-9
Date Collected: 08/25/24 07:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-24
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 20:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 20:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 20:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 20:25	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 20:25	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 20:25	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 20:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 20:25	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 20:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 20:25	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 20:25	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 20:25	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 20:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 20:25	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 20:25	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 20:25	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 20:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 20:25	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 20:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 20:25	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 20:25	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 20:25	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 20:25	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 20:25	1
Acetone	<10		10	4.3	ug/L			09/03/24 20:25	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 20:25	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 20:25	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 20:25	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 20:25	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 20:25	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 20:25	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 20:25	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 20:25	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 20:25	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 20:25	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 20:25	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 20:25	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 20:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 20:25	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 20:25	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 20:25	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 20:25	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 20:25	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 20:25	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 20:25	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 20:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 20:25	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 20:25	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 20:25	1

Client Sample ID: EW-9

Date Collected: 08/25/24 07:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-24

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 20:25	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 20:25	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 20:25	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 20:25	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 20:25	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 20:25	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 20:25	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 20:25	1
Tetrachloroethene	37		1.0	0.39	ug/L			09/03/24 20:25	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 20:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 20:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 20:25	1
Trichloroethene	<0.50		0.50	0.15	ug/L			09/03/24 20:25	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 20:25	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*		*09/03/24 20:25*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*09/03/24 20:25*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 120*		*09/03/24 20:25*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*09/03/24 20:25*	*1*

Client Sample ID: EW-9 DUP
Date Collected: 08/25/24 07:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-25
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 20:49	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 20:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 20:49	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 20:49	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 20:49	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 20:49	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 20:49	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 20:49	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 20:49	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 20:49	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 20:49	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 20:49	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 20:49	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 20:49	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 20:49	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 20:49	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 20:49	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 20:49	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 20:49	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 20:49	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 20:49	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 20:49	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 20:49	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 20:49	1
Acetone	<10		10	4.3	ug/L			09/03/24 20:49	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 20:49	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 20:49	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 20:49	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 20:49	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 20:49	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 20:49	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 20:49	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 20:49	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 20:49	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 20:49	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 20:49	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 20:49	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 20:49	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 20:49	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 20:49	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 20:49	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 20:49	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 20:49	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 20:49	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 20:49	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 20:49	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 20:49	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 20:49	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 20:49	1

Client Sample ID: EW-9 DUP
Date Collected: 08/25/24 07:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-25
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 20:49	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 20:49	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 20:49	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 20:49	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 20:49	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 20:49	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 20:49	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 20:49	1
Tetrachloroethene	**39**		1.0	0.39	ug/L			09/03/24 20:49	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 20:49	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 20:49	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 20:49	1
Trichloroethene	**0.19**	J	0.50	0.15	ug/L			09/03/24 20:49	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 20:49	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*09/03/24 20:49*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*09/03/24 20:49*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 120*		*09/03/24 20:49*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*09/03/24 20:49*	*1*

Client Sample ID: EW-10

Date Collected: 08/25/24 06:55
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-26
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 21:12	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 21:12	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 21:12	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 21:12	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 21:12	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 21:12	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 21:12	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 21:12	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 21:12	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 21:12	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 21:12	1
1,2-Dibromo-3-Chloropropane	<5.0	*+	5.0	3.9	ug/L			09/03/24 21:12	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 21:12	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 21:12	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 21:12	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 21:12	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 21:12	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 21:12	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 21:12	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 21:12	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 21:12	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 21:12	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 21:12	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 21:12	1
Acetone	<10		10	4.3	ug/L			09/03/24 21:12	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 21:12	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 21:12	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 21:12	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 21:12	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 21:12	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 21:12	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 21:12	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 21:12	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 21:12	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 21:12	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 21:12	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 21:12	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 21:12	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 21:12	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 21:12	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 21:12	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 21:12	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 21:12	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 21:12	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 21:12	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 21:12	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 21:12	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 21:12	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 21:12	1

Client Sample ID: EW-10
Date Collected: 08/25/24 06:55
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-26
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 21:12	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 21:12	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 21:12	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 21:12	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 21:12	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 21:12	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 21:12	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 21:12	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 21:12	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 21:12	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 21:12	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 21:12	1
Trichloroethene	<0.50		0.50	0.15	ug/L			09/03/24 21:12	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 21:12	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*09/03/24 21:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*09/03/24 21:12*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*09/03/24 21:12*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*09/03/24 21:12*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 783773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-255665-1	RFW-1A	Total/NA	Water	8260D	
500-255665-2	RFW-1B	Total/NA	Water	8260D	
500-255665-3	RFW-2A	Total/NA	Water	8260D	
500-255665-4	RFW-2B	Total/NA	Water	8260D	
500-255665-5	RFW-3B	Total/NA	Water	8260D	
500-255665-6	RFW-4A	Total/NA	Water	8260D	
500-255665-7	RFW-4A DUP	Total/NA	Water	8260D	
500-255665-8	RFW-4B	Total/NA	Water	8260D	
500-255665-9	RFW-6	Total/NA	Water	8260D	
500-255665-10	RFW-7	Total/NA	Water	8260D	
500-255665-16	Trip Blank	Total/NA	Water	8260D	
MB 500-783773/9	Method Blank	Total/NA	Water	8260D	
LCS 500-783773/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-783773/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 784176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-255665-19	EW-4	Total/NA	Water	8260D	
500-255665-20	EW-5	Total/NA	Water	8260D	
500-255665-21	EW-6	Total/NA	Water	8260D	
500-255665-22	EW-7	Total/NA	Water	8260D	
500-255665-23	EW-8	Total/NA	Water	8260D	
500-255665-24	EW-9	Total/NA	Water	8260D	
500-255665-25	EW-9 DUP	Total/NA	Water	8260D	
500-255665-26	EW-10	Total/NA	Water	8260D	
MB 500-784176/9	Method Blank	Total/NA	Water	8260D	
LCS 500-784176/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-784176/10	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 784180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-255665-11	RFW-9	Total/NA	Water	8260D	
500-255665-12	RFW-11B	Total/NA	Water	8260D	
500-255665-13	RFW-12B	Total/NA	Water	8260D	
500-255665-14	RFW-13	Total/NA	Water	8260D	
500-255665-15	RFW-17	Total/NA	Water	8260D	
500-255665-17	EW-2	Total/NA	Water	8260D	
500-255665-18	EW-3	Total/NA	Water	8260D	
MB 500-784180/8	Method Blank	Total/NA	Water	8260D	
LCS 500-784180/5	Lab Control Sample	Total/NA	Water	8260D	
500-255665-18 MS	EW-3	Total/NA	Water	8260D	
500-255665-18 MSD	EW-3	Total/NA	Water	8260D	

Surrogate Summary

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (75-120)
500-255665-1	RFW-1A	105	102 *3	106	99
500-255665-2	RFW-1B	109	104 *3	107	99
500-255665-3	RFW-2A	108	104 *3	108	98
500-255665-4	RFW-2B	105	103 *3	105	100
500-255665-5	RFW-3B	111	105 *3	109	96
500-255665-6	RFW-4A	111	103 *3	107	99
500-255665-7	RFW-4A DUP	110	103 *3	109	95
500-255665-8	RFW-4B	107	104 *3	108	96
500-255665-9	RFW-6	108	103 *3	109	97
500-255665-10	RFW-7	107	107 *3	111	100
500-255665-11	RFW-9	97	101	98	101
500-255665-12	RFW-11B	97	101	98	101
500-255665-13	RFW-12B	97	99	101	100
500-255665-14	RFW-13	99	99	100	99
500-255665-15	RFW-17	98	101	101	99
500-255665-16	Trip Blank	106	105	106	99
500-255665-17	EW-2	101	99	100	99
500-255665-18	EW-3	98	99	104	99
500-255665-18 MS	EW-3	95	100	98	101
500-255665-18 MSD	EW-3	97	99	101	100
500-255665-19	EW-4	109	103	108	94
500-255665-20	EW-5	109	103	109	97
500-255665-21	EW-6	109	103	109	97
500-255665-22	EW-7	108	104	108	95
500-255665-23	EW-8	109	102	109	95
500-255665-24	EW-9	109	104	111	95
500-255665-25	EW-9 DUP	106	106	110	95
500-255665-26	EW-10	111	100	109	96
LCS 500-783773/5	Lab Control Sample	107	96	102	98
LCS 500-784176/6	Lab Control Sample	108	97	103	97
LCS 500-784180/5	Lab Control Sample	93	96	96	102
LCSD 500-783773/6	Lab Control Sample Dup	106	100	100	98
LCSD 500-784176/10	Lab Control Sample Dup	107	99	103	97
MB 500-783773/9	Method Blank	108	103	106	97
MB 500-784176/9	Method Blank	110	109	109	95
MB 500-784180/8	Method Blank	97	99	101	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-783773/9
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			08/29/24 14:09	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			08/29/24 14:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			08/29/24 14:09	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			08/29/24 14:09	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			08/29/24 14:09	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			08/29/24 14:09	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			08/29/24 14:09	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			08/29/24 14:09	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			08/29/24 14:09	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			08/29/24 14:09	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			08/29/24 14:09	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			08/29/24 14:09	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			08/29/24 14:09	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			08/29/24 14:09	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			08/29/24 14:09	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			08/29/24 14:09	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			08/29/24 14:09	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 14:09	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			08/29/24 14:09	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			08/29/24 14:09	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			08/29/24 14:09	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			08/29/24 14:09	1
2-Hexanone	<5.0		5.0	2.2	ug/L			08/29/24 14:09	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			08/29/24 14:09	1
Acetone	<10		10	4.3	ug/L			08/29/24 14:09	1
Benzene	<0.50		0.50	0.18	ug/L			08/29/24 14:09	1
Bromobenzene	<1.0		1.0	0.60	ug/L			08/29/24 14:09	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			08/29/24 14:09	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			08/29/24 14:09	1
Bromoform	<1.0		1.0	0.96	ug/L			08/29/24 14:09	1
Bromomethane	<3.0		3.0	1.8	ug/L			08/29/24 14:09	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			08/29/24 14:09	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			08/29/24 14:09	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			08/29/24 14:09	1
Chloroethane	<5.0		5.0	0.47	ug/L			08/29/24 14:09	1
Chloroform	<2.0		2.0	0.92	ug/L			08/29/24 14:09	1
Chloromethane	<5.0		5.0	0.79	ug/L			08/29/24 14:09	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			08/29/24 14:09	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			08/29/24 14:09	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			08/29/24 14:09	1
Dibromomethane	<1.0		1.0	0.58	ug/L			08/29/24 14:09	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			08/29/24 14:09	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 14:09	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			08/29/24 14:09	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			08/29/24 14:09	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			08/29/24 14:09	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			08/29/24 14:09	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			08/29/24 14:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-783773/9
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<5.0		5.0	3.6	ug/L			08/29/24 14:09	1
Naphthalene	<1.0		1.0	0.44	ug/L			08/29/24 14:09	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			08/29/24 14:09	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			08/29/24 14:09	1
o-Xylene	<0.50		0.50	0.21	ug/L			08/29/24 14:09	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			08/29/24 14:09	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			08/29/24 14:09	1
Styrene	<1.0		1.0	0.31	ug/L			08/29/24 14:09	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			08/29/24 14:09	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			08/29/24 14:09	1
Toluene	<0.50		0.50	0.21	ug/L			08/29/24 14:09	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			08/29/24 14:09	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			08/29/24 14:09	1
Trichloroethene	<0.50		0.50	0.15	ug/L			08/29/24 14:09	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			08/29/24 14:09	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			08/29/24 14:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*08/29/24 14:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*08/29/24 14:09*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*08/29/24 14:09*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*08/29/24 14:09*	*1*

Lab Sample ID: LCS 500-783773/5
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	56.9		ug/L		114	70 - 125
1,1,1-Trichloroethane	50.0	57.2		ug/L		114	70 - 125
1,1,2,2-Tetrachloroethane	50.0	58.2		ug/L		116	62 - 140
1,1,2-Trichloroethane	50.0	58.1		ug/L		116	71 - 130
1,1-Dichloroethane	50.0	52.9		ug/L		106	70 - 125
1,1-Dichloroethene	50.0	49.7		ug/L		99	67 - 122
1,1-Dichloropropene	50.0	56.1		ug/L		112	70 - 121
1,2,3-Trichlorobenzene	50.0	55.2		ug/L		110	51 - 145
1,2,3-Trichloropropane	50.0	64.4		ug/L		129	50 - 133
1,2,4-Trichlorobenzene	50.0	55.3		ug/L		111	57 - 137
1,2,4-Trimethylbenzene	50.0	54.7		ug/L		109	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	69.4	*+	ug/L		139	56 - 123
1,2-Dibromoethane	50.0	61.8		ug/L		124	70 - 125
1,2-Dichlorobenzene	50.0	54.2		ug/L		108	70 - 125
1,2-Dichloroethane	50.0	57.0		ug/L		114	68 - 127
1,2-Dichloropropane	50.0	50.1		ug/L		100	67 - 130
1,3,5-Trimethylbenzene	50.0	55.0		ug/L		110	70 - 123
1,3-Dichlorobenzene	50.0	54.9		ug/L		110	70 - 125
1,3-Dichloropropane	50.0	57.8		ug/L		116	62 - 136
1,4-Dichlorobenzene	50.0	52.7		ug/L		105	70 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-783773/5
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	50.0	51.4		ug/L		103	58 - 139
2-Chlorotoluene	50.0	52.9		ug/L		106	70 - 125
2-Hexanone	50.0	73.5	*+	ug/L		147	54 - 146
4-Chlorotoluene	50.0	56.1		ug/L		112	68 - 124
Acetone	50.0	71.5		ug/L		143	40 - 143
Benzene	50.0	52.5		ug/L		105	70 - 120
Bromobenzene	50.0	55.0		ug/L		110	70 - 122
Bromochloromethane	50.0	51.4		ug/L		103	65 - 122
Bromodichloromethane	50.0	53.5		ug/L		107	69 - 120
Bromoform	50.0	60.9		ug/L		122	56 - 132
Bromomethane	50.0	41.9		ug/L		84	40 - 152
Carbon disulfide	50.0	52.0		ug/L		104	66 - 120
Carbon tetrachloride	50.0	63.0		ug/L		126	59 - 133
Chlorobenzene	50.0	52.9		ug/L		106	70 - 120
Chloroethane	50.0	45.2		ug/L		90	48 - 136
Chloroform	50.0	55.0		ug/L		110	70 - 120
Chloromethane	50.0	46.9		ug/L		94	56 - 152
cis-1,2-Dichloroethene	50.0	49.6		ug/L		99	70 - 125
cis-1,3-Dichloropropene	50.0	55.1		ug/L		110	64 - 127
Dibromochloromethane	50.0	58.9		ug/L		118	68 - 125
Dibromomethane	50.0	55.6		ug/L		111	70 - 120
Dichlorodifluoromethane	50.0	48.4		ug/L		97	40 - 159
Ethylbenzene	50.0	54.6		ug/L		109	70 - 123
Hexachlorobutadiene	50.0	55.8		ug/L		112	51 - 150
Isopropylbenzene	50.0	52.4		ug/L		105	70 - 126
m&p-Xylene	50.0	57.3		ug/L		115	70 - 125
Methyl Ethyl Ketone	50.0	71.5		ug/L		143	46 - 144
methyl isobutyl ketone	50.0	69.7		ug/L		139	55 - 139
Methylene Chloride	50.0	46.6		ug/L		93	69 - 125
Naphthalene	50.0	66.2		ug/L		132	53 - 144
n-Butylbenzene	50.0	55.6		ug/L		111	68 - 125
N-Propylbenzene	50.0	53.6		ug/L		107	69 - 127
o-Xylene	50.0	54.5		ug/L		109	70 - 120
p-Isopropyltoluene	50.0	55.5		ug/L		111	70 - 125
sec-Butylbenzene	50.0	55.6		ug/L		111	70 - 123
Styrene	50.0	43.8		ug/L		88	70 - 120
tert-Butylbenzene	50.0	53.6		ug/L		107	70 - 121
Tetrachloroethene	50.0	57.1		ug/L		114	70 - 128
Toluene	50.0	52.0		ug/L		104	70 - 125
trans-1,2-Dichloroethene	50.0	51.2		ug/L		102	70 - 125
trans-1,3-Dichloropropene	50.0	56.5		ug/L		113	62 - 128
Trichloroethene	50.0	53.2		ug/L		106	70 - 125
Trichlorofluoromethane	50.0	50.9		ug/L		102	55 - 128
Vinyl chloride	50.0	51.5		ug/L		103	64 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-783773/5
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: LCSD 500-783773/6
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/L		111	70 - 125	2	20
1,1,1-Trichloroethane	50.0	59.1		ug/L		118	70 - 125	3	20
1,1,2,2-Tetrachloroethane	50.0	61.6		ug/L		123	62 - 140	6	20
1,1,2-Trichloroethane	50.0	58.0		ug/L		116	71 - 130	0	20
1,1-Dichloroethane	50.0	54.2		ug/L		108	70 - 125	2	20
1,1-Dichloroethene	50.0	52.6		ug/L		105	67 - 122	6	20
1,1-Dichloropropene	50.0	56.6		ug/L		113	70 - 121	1	20
1,2,3-Trichlorobenzene	50.0	57.4		ug/L		115	51 - 145	4	20
1,2,3-Trichloropropane	50.0	67.3	*+	ug/L		135	50 - 133	4	20
1,2,4-Trichlorobenzene	50.0	57.1		ug/L		114	57 - 137	3	20
1,2,4-Trimethylbenzene	50.0	55.9		ug/L		112	70 - 123	2	20
1,2-Dibromo-3-Chloropropane	50.0	76.4	*+	ug/L		153	56 - 123	10	20
1,2-Dibromoethane	50.0	61.7		ug/L		123	70 - 125	0	20
1,2-Dichlorobenzene	50.0	55.0		ug/L		110	70 - 125	1	20
1,2-Dichloroethane	50.0	58.1		ug/L		116	68 - 127	2	20
1,2-Dichloropropane	50.0	51.6		ug/L		103	67 - 130	3	20
1,3,5-Trimethylbenzene	50.0	56.5		ug/L		113	70 - 123	3	20
1,3-Dichlorobenzene	50.0	56.0		ug/L		112	70 - 125	2	20
1,3-Dichloropropane	50.0	58.7		ug/L		117	62 - 136	1	20
1,4-Dichlorobenzene	50.0	54.1		ug/L		108	70 - 120	3	20
2,2-Dichloropropane	50.0	54.4		ug/L		109	58 - 139	6	20
2-Chlorotoluene	50.0	55.1		ug/L		110	70 - 125	4	20
2-Hexanone	50.0	63.3		ug/L		127	54 - 146	15	20
4-Chlorotoluene	50.0	58.2		ug/L		116	68 - 124	4	20
Acetone	50.0	71.6		ug/L		143	40 - 143	0	20
Benzene	50.0	53.8		ug/L		108	70 - 120	2	20
Bromobenzene	50.0	56.2		ug/L		112	70 - 122	2	20
Bromochloromethane	50.0	51.4		ug/L		103	65 - 122	0	20
Bromodichloromethane	50.0	55.7		ug/L		111	69 - 120	4	20
Bromoform	50.0	62.4		ug/L		125	56 - 132	3	20
Bromomethane	50.0	45.3		ug/L		91	40 - 152	8	20
Carbon disulfide	50.0	53.6		ug/L		107	66 - 120	3	20
Carbon tetrachloride	50.0	64.7		ug/L		129	59 - 133	3	20
Chlorobenzene	50.0	52.9		ug/L		106	70 - 120	0	20
Chloroethane	50.0	46.8		ug/L		94	48 - 136	3	20
Chloroform	50.0	55.3		ug/L		111	70 - 120	0	20
Chloromethane	50.0	47.4		ug/L		95	56 - 152	1	20
cis-1,2-Dichloroethene	50.0	49.9		ug/L		100	70 - 125	0	20
cis-1,3-Dichloropropene	50.0	54.0		ug/L		108	64 - 127	2	20
Dibromochloromethane	50.0	60.5		ug/L		121	68 - 125	3	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-783773/6
Matrix: Water
Analysis Batch: 783773

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibromomethane	50.0	58.4		ug/L		117	70 - 120	5	20
Dichlorodifluoromethane	50.0	50.5		ug/L		101	40 - 159	4	20
Ethylbenzene	50.0	54.9		ug/L		110	70 - 123	0	20
Hexachlorobutadiene	50.0	56.8		ug/L		114	51 - 150	2	20
Isopropylbenzene	50.0	54.1		ug/L		108	70 - 126	3	20
m&p-Xylene	50.0	57.2		ug/L		114	70 - 125	0	20
Methyl Ethyl Ketone	50.0	66.4		ug/L		133	46 - 144	7	20
methyl isobutyl ketone	50.0	60.6		ug/L		121	55 - 139	14	20
Methylene Chloride	50.0	50.2		ug/L		100	69 - 125	7	20
Naphthalene	50.0	69.4		ug/L		139	53 - 144	5	20
n-Butylbenzene	50.0	56.9		ug/L		114	68 - 125	2	20
N-Propylbenzene	50.0	55.6		ug/L		111	69 - 127	4	20
o-Xylene	50.0	54.5		ug/L		109	70 - 120	0	20
p-Isopropyltoluene	50.0	56.8		ug/L		114	70 - 125	2	20
sec-Butylbenzene	50.0	56.7		ug/L		113	70 - 123	2	20
Styrene	50.0	44.1		ug/L		88	70 - 120	1	20
tert-Butylbenzene	50.0	55.6		ug/L		111	70 - 121	4	20
Tetrachloroethene	50.0	56.5		ug/L		113	70 - 128	1	20
Toluene	50.0	52.2		ug/L		104	70 - 125	0	20
trans-1,2-Dichloroethene	50.0	53.5		ug/L		107	70 - 125	4	20
trans-1,3-Dichloropropene	50.0	58.2		ug/L		116	62 - 128	3	20
Trichloroethene	50.0	53.4		ug/L		107	70 - 125	0	20
Trichlorofluoromethane	50.0	52.0		ug/L		104	55 - 128	2	20
Vinyl chloride	50.0	51.2		ug/L		102	64 - 126	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: MB 500-784176/9
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 16:09	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 16:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 16:09	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 16:09	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 16:09	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 16:09	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 16:09	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 16:09	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 16:09	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 16:09	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 16:09	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 16:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-784176/9
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 16:09	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 16:09	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 16:09	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 16:09	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:09	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:09	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 16:09	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 16:09	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 16:09	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 16:09	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 16:09	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 16:09	1
Acetone	<10		10	4.3	ug/L			09/03/24 16:09	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 16:09	1
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 16:09	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 16:09	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 16:09	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 16:09	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 16:09	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 16:09	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 16:09	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 16:09	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 16:09	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 16:09	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 16:09	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 16:09	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 16:09	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 16:09	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 16:09	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 16:09	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 16:09	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 16:09	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 16:09	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 16:09	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 16:09	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 16:09	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 16:09	1
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 16:09	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 16:09	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 16:09	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 16:09	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 16:09	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 16:09	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 16:09	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 16:09	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 16:09	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 16:09	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 16:09	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 16:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-784176/9
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.50		0.50	0.15	ug/L			09/03/24 16:09	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 16:09	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 16:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*09/03/24 16:09*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*09/03/24 16:09*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*09/03/24 16:09*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*09/03/24 16:09*	*1*

Lab Sample ID: LCS 500-784176/6
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	56.4		ug/L		113	70 - 125
1,1,1-Trichloroethane	50.0	56.7		ug/L		113	70 - 125
1,1,2,2-Tetrachloroethane	50.0	58.3		ug/L		117	62 - 140
1,1,2-Trichloroethane	50.0	57.7		ug/L		115	71 - 130
1,1-Dichloroethane	50.0	51.5		ug/L		103	70 - 125
1,1-Dichloroethene	50.0	45.4		ug/L		91	67 - 122
1,1-Dichloropropene	50.0	54.4		ug/L		109	70 - 121
1,2,3-Trichlorobenzene	50.0	57.0		ug/L		114	51 - 145
1,2,3-Trichloropropane	50.0	65.8		ug/L		132	50 - 133
1,2,4-Trichlorobenzene	50.0	57.1		ug/L		114	57 - 137
1,2,4-Trimethylbenzene	50.0	54.6		ug/L		109	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	67.9	*+	ug/L		136	56 - 123
1,2-Dibromoethane	50.0	61.2		ug/L		122	70 - 125
1,2-Dichlorobenzene	50.0	54.7		ug/L		109	70 - 125
1,2-Dichloroethane	50.0	56.8		ug/L		114	68 - 127
1,2-Dichloropropane	50.0	49.8		ug/L		100	67 - 130
1,3,5-Trimethylbenzene	50.0	54.8		ug/L		110	70 - 123
1,3-Dichlorobenzene	50.0	55.7		ug/L		111	70 - 125
1,3-Dichloropropane	50.0	56.6		ug/L		113	62 - 136
1,4-Dichlorobenzene	50.0	53.1		ug/L		106	70 - 120
2,2-Dichloropropane	50.0	52.9		ug/L		106	58 - 139
2-Chlorotoluene	50.0	53.8		ug/L		108	70 - 125
2-Hexanone	50.0	63.9		ug/L		128	54 - 146
4-Chlorotoluene	50.0	56.2		ug/L		112	68 - 124
Acetone	50.0	58.4		ug/L		117	40 - 143
Benzene	50.0	53.3		ug/L		107	70 - 120
Bromobenzene	50.0	55.9		ug/L		112	70 - 122
Bromochloromethane	50.0	52.1		ug/L		104	65 - 122
Bromodichloromethane	50.0	55.2		ug/L		110	69 - 120
Bromoform	50.0	61.4		ug/L		123	56 - 132
Bromomethane	50.0	42.8		ug/L		86	40 - 152
Carbon disulfide	50.0	46.1		ug/L		92	66 - 120
Carbon tetrachloride	50.0	61.8		ug/L		124	59 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-784176/6
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	50.0	52.1		ug/L		104	70 - 120
Chloroethane	50.0	46.4		ug/L		93	48 - 136
Chloroform	50.0	54.6		ug/L		109	70 - 120
Chloromethane	50.0	47.5		ug/L		95	56 - 152
cis-1,2-Dichloroethene	50.0	49.4		ug/L		99	70 - 125
cis-1,3-Dichloropropene	50.0	53.3		ug/L		107	64 - 127
Dibromochloromethane	50.0	60.6		ug/L		121	68 - 125
Dibromomethane	50.0	57.1		ug/L		114	70 - 120
Dichlorodifluoromethane	50.0	59.7		ug/L		119	40 - 159
Ethylbenzene	50.0	54.0		ug/L		108	70 - 123
Hexachlorobutadiene	50.0	54.6		ug/L		109	51 - 150
Isopropylbenzene	50.0	52.9		ug/L		106	70 - 126
m&p-Xylene	50.0	56.8		ug/L		114	70 - 125
Methyl Ethyl Ketone	50.0	63.3		ug/L		127	46 - 144
methyl isobutyl ketone	50.0	60.6		ug/L		121	55 - 139
Methylene Chloride	50.0	45.8		ug/L		92	69 - 125
Naphthalene	50.0	66.4		ug/L		133	53 - 144
n-Butylbenzene	50.0	54.8		ug/L		110	68 - 125
N-Propylbenzene	50.0	53.8		ug/L		108	69 - 127
o-Xylene	50.0	53.5		ug/L		107	70 - 120
p-Isopropyltoluene	50.0	55.9		ug/L		112	70 - 125
sec-Butylbenzene	50.0	54.4		ug/L		109	70 - 123
Styrene	50.0	43.6		ug/L		87	70 - 120
tert-Butylbenzene	50.0	53.2		ug/L		106	70 - 121
Tetrachloroethene	50.0	56.2		ug/L		112	70 - 128
Toluene	50.0	51.0		ug/L		102	70 - 125
trans-1,2-Dichloroethene	50.0	49.9		ug/L		100	70 - 125
trans-1,3-Dichloropropene	50.0	58.3		ug/L		117	62 - 128
Trichloroethene	50.0	51.9		ug/L		104	70 - 125
Trichlorofluoromethane	50.0	52.8		ug/L		106	55 - 128
Vinyl chloride	50.0	51.2		ug/L		102	64 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: LCSD 500-784176/10
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/L		111	70 - 125	1	20
1,1,1-Trichloroethane	50.0	57.5		ug/L		115	70 - 125	1	20
1,1,2,2-Tetrachloroethane	50.0	60.6		ug/L		121	62 - 140	4	20
1,1,2-Trichloroethane	50.0	56.7		ug/L		113	71 - 130	2	20
1,1-Dichloroethane	50.0	51.5		ug/L		103	70 - 125	0	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-784176/10
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	44.6		ug/L		89	67 - 122	2	20
1,1-Dichloropropene	50.0	53.9		ug/L		108	70 - 121	1	20
1,2,3-Trichlorobenzene	50.0	57.7		ug/L		115	51 - 145	1	20
1,2,3-Trichloropropane	50.0	64.1		ug/L		128	50 - 133	3	20
1,2,4-Trichlorobenzene	50.0	57.3		ug/L		115	57 - 137	0	20
1,2,4-Trimethylbenzene	50.0	55.6		ug/L		111	70 - 123	2	20
1,2-Dibromo-3-Chloropropane	50.0	69.5	*+	ug/L		139	56 - 123	2	20
1,2-Dibromoethane	50.0	60.3		ug/L		121	70 - 125	1	20
1,2-Dichlorobenzene	50.0	55.3		ug/L		111	70 - 125	1	20
1,2-Dichloroethane	50.0	56.5		ug/L		113	68 - 127	1	20
1,2-Dichloropropane	50.0	50.5		ug/L		101	67 - 130	1	20
1,3,5-Trimethylbenzene	50.0	56.4		ug/L		113	70 - 123	3	20
1,3-Dichlorobenzene	50.0	56.6		ug/L		113	70 - 125	2	20
1,3-Dichloropropane	50.0	56.9		ug/L		114	62 - 136	1	20
1,4-Dichlorobenzene	50.0	54.3		ug/L		109	70 - 120	2	20
2,2-Dichloropropane	50.0	53.1		ug/L		106	58 - 139	0	20
2-Chlorotoluene	50.0	55.0		ug/L		110	70 - 125	2	20
2-Hexanone	50.0	66.0		ug/L		132	54 - 146	3	20
4-Chlorotoluene	50.0	57.4		ug/L		115	68 - 124	2	20
Acetone	50.0	58.5		ug/L		117	40 - 143	0	20
Benzene	50.0	52.4		ug/L		105	70 - 120	2	20
Bromobenzene	50.0	57.9		ug/L		116	70 - 122	4	20
Bromochloromethane	50.0	51.2		ug/L		102	65 - 122	2	20
Bromodichloromethane	50.0	53.5		ug/L		107	69 - 120	3	20
Bromoform	50.0	61.2		ug/L		122	56 - 132	0	20
Bromomethane	50.0	48.0		ug/L		96	40 - 152	12	20
Carbon disulfide	50.0	45.6		ug/L		91	66 - 120	1	20
Carbon tetrachloride	50.0	61.0		ug/L		122	59 - 133	1	20
Chlorobenzene	50.0	52.3		ug/L		105	70 - 120	0	20
Chloroethane	50.0	48.0		ug/L		96	48 - 136	3	20
Chloroform	50.0	54.6		ug/L		109	70 - 120	0	20
Chloromethane	50.0	47.4		ug/L		95	56 - 152	0	20
cis-1,2-Dichloroethene	50.0	49.5		ug/L		99	70 - 125	0	20
cis-1,3-Dichloropropene	50.0	53.9		ug/L		108	64 - 127	1	20
Dibromochloromethane	50.0	59.8		ug/L		120	68 - 125	1	20
Dibromomethane	50.0	58.3		ug/L		117	70 - 120	2	20
Dichlorodifluoromethane	50.0	61.5		ug/L		123	40 - 159	3	20
Ethylbenzene	50.0	53.2		ug/L		106	70 - 123	2	20
Hexachlorobutadiene	50.0	56.7		ug/L		113	51 - 150	4	20
Isopropylbenzene	50.0	53.6		ug/L		107	70 - 126	1	20
m&p-Xylene	50.0	55.6		ug/L		111	70 - 125	2	20
Methyl Ethyl Ketone	50.0	68.3		ug/L		137	46 - 144	8	20
methyl isobutyl ketone	50.0	65.0		ug/L		130	55 - 139	7	20
Methylene Chloride	50.0	44.6		ug/L		89	69 - 125	3	20
Naphthalene	50.0	67.3		ug/L		135	53 - 144	1	20
n-Butylbenzene	50.0	55.7		ug/L		111	68 - 125	2	20
N-Propylbenzene	50.0	54.7		ug/L		109	69 - 127	2	20
o-Xylene	50.0	52.3		ug/L		105	70 - 120	2	20
p-Isopropyltoluene	50.0	55.6		ug/L		111	70 - 125	1	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-784176/10
Matrix: Water
Analysis Batch: 784176

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
sec-Butylbenzene	50.0	55.2		ug/L		110	70 - 123	1	20
Styrene	50.0	42.5		ug/L		85	70 - 120	2	20
tert-Butylbenzene	50.0	54.3		ug/L		109	70 - 121	2	20
Tetrachloroethene	50.0	56.1		ug/L		112	70 - 128	0	20
Toluene	50.0	50.7		ug/L		101	70 - 125	1	20
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 125	1	20
trans-1,3-Dichloropropene	50.0	55.8		ug/L		112	62 - 128	4	20
Trichloroethene	50.0	51.7		ug/L		103	70 - 125	0	20
Trichlorofluoromethane	50.0	55.1		ug/L		110	55 - 128	4	20
Vinyl chloride	50.0	51.3		ug/L		103	64 - 126	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: MB 500-784180/8
Matrix: Water
Analysis Batch: 784180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.67	ug/L			09/03/24 13:42	1
1,1,1-Trichloroethane	<1.0		1.0	0.45	ug/L			09/03/24 13:42	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.65	ug/L			09/03/24 13:42	1
1,1,2-Trichloroethane	<1.0		1.0	0.73	ug/L			09/03/24 13:42	1
1,1-Dichloroethane	<1.0		1.0	0.36	ug/L			09/03/24 13:42	1
1,1-Dichloroethene	<1.0		1.0	0.48	ug/L			09/03/24 13:42	1
1,1-Dichloropropene	<1.0		1.0	0.33	ug/L			09/03/24 13:42	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.35	ug/L			09/03/24 13:42	1
1,2,3-Trichloropropane	<2.0		2.0	1.5	ug/L			09/03/24 13:42	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.31	ug/L			09/03/24 13:42	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.30	ug/L			09/03/24 13:42	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.9	ug/L			09/03/24 13:42	1
1,2-Dibromoethane	<1.0		1.0	0.56	ug/L			09/03/24 13:42	1
1,2-Dichlorobenzene	<1.0		1.0	0.48	ug/L			09/03/24 13:42	1
1,2-Dichloroethane	<1.0		1.0	0.58	ug/L			09/03/24 13:42	1
1,2-Dichloropropane	<1.0		1.0	0.37	ug/L			09/03/24 13:42	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 13:42	1
1,3-Dichlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 13:42	1
1,3-Dichloropropane	<1.0		1.0	0.56	ug/L			09/03/24 13:42	1
1,4-Dichlorobenzene	<1.0		1.0	0.45	ug/L			09/03/24 13:42	1
2,2-Dichloropropane	<5.0		5.0	0.48	ug/L			09/03/24 13:42	1
2-Chlorotoluene	<1.0		1.0	0.36	ug/L			09/03/24 13:42	1
2-Hexanone	<5.0		5.0	2.2	ug/L			09/03/24 13:42	1
4-Chlorotoluene	<1.0		1.0	0.34	ug/L			09/03/24 13:42	1
Acetone	<10		10	4.3	ug/L			09/03/24 13:42	1
Benzene	<0.50		0.50	0.18	ug/L			09/03/24 13:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-784180/8
Matrix: Water
Analysis Batch: 784180

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<1.0		1.0	0.60	ug/L			09/03/24 13:42	1
Bromochloromethane	<1.0		1.0	0.50	ug/L			09/03/24 13:42	1
Bromodichloromethane	<1.0		1.0	0.57	ug/L			09/03/24 13:42	1
Bromoform	<1.0		1.0	0.96	ug/L			09/03/24 13:42	1
Bromomethane	<3.0		3.0	1.8	ug/L			09/03/24 13:42	1
Carbon disulfide	<2.0		2.0	1.1	ug/L			09/03/24 13:42	1
Carbon tetrachloride	<1.0		1.0	0.41	ug/L			09/03/24 13:42	1
Chlorobenzene	<1.0		1.0	0.41	ug/L			09/03/24 13:42	1
Chloroethane	<5.0		5.0	0.47	ug/L			09/03/24 13:42	1
Chloroform	<2.0		2.0	0.92	ug/L			09/03/24 13:42	1
Chloromethane	<5.0		5.0	0.79	ug/L			09/03/24 13:42	1
cis-1,2-Dichloroethene	<1.0		1.0	0.42	ug/L			09/03/24 13:42	1
cis-1,3-Dichloropropene	<1.0		1.0	0.52	ug/L			09/03/24 13:42	1
Dibromochloromethane	<1.0		1.0	0.83	ug/L			09/03/24 13:42	1
Dibromomethane	<1.0		1.0	0.58	ug/L			09/03/24 13:42	1
Dichlorodifluoromethane	<3.0		3.0	1.8	ug/L			09/03/24 13:42	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			09/03/24 13:42	1
Hexachlorobutadiene	<1.0		1.0	0.54	ug/L			09/03/24 13:42	1
Isopropylbenzene	<1.0		1.0	0.29	ug/L			09/03/24 13:42	1
m&p-Xylene	<1.0		1.0	0.30	ug/L			09/03/24 13:42	1
Methyl Ethyl Ketone	<5.0		5.0	2.3	ug/L			09/03/24 13:42	1
methyl isobutyl ketone	<5.0		5.0	2.0	ug/L			09/03/24 13:42	1
Methylene Chloride	<5.0		5.0	3.6	ug/L			09/03/24 13:42	1
Naphthalene	<1.0		1.0	0.44	ug/L			09/03/24 13:42	1
n-Butylbenzene	<1.0		1.0	0.33	ug/L			09/03/24 13:42	1
N-Propylbenzene	<1.0		1.0	0.32	ug/L			09/03/24 13:42	1
o-Xylene	<0.50		0.50	0.21	ug/L			09/03/24 13:42	1
p-Isopropyltoluene	<1.0		1.0	0.29	ug/L			09/03/24 13:42	1
sec-Butylbenzene	<1.0		1.0	0.27	ug/L			09/03/24 13:42	1
Styrene	<1.0		1.0	0.31	ug/L			09/03/24 13:42	1
tert-Butylbenzene	<1.0		1.0	0.26	ug/L			09/03/24 13:42	1
Tetrachloroethene	<1.0		1.0	0.39	ug/L			09/03/24 13:42	1
Toluene	<0.50		0.50	0.21	ug/L			09/03/24 13:42	1
trans-1,2-Dichloroethene	<1.0		1.0	0.44	ug/L			09/03/24 13:42	1
trans-1,3-Dichloropropene	<1.0		1.0	0.63	ug/L			09/03/24 13:42	1
Trichloroethene	<0.50		0.50	0.15	ug/L			09/03/24 13:42	1
Trichlorofluoromethane	<1.0		1.0	0.44	ug/L			09/03/24 13:42	1
Vinyl chloride	<1.0		1.0	0.47	ug/L			09/03/24 13:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*09/03/24 13:42*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*09/03/24 13:42*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*09/03/24 13:42*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/03/24 13:42*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-784180/5
Matrix: Water
Analysis Batch: 784180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/L		102	70 - 125
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	70 - 125
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/L		93	62 - 140
1,1,2-Trichloroethane	50.0	49.6		ug/L		99	71 - 130
1,1-Dichloroethane	50.0	46.4		ug/L		93	70 - 125
1,1-Dichloroethene	50.0	47.9		ug/L		96	67 - 122
1,1-Dichloropropene	50.0	48.2		ug/L		96	70 - 121
1,2,3-Trichlorobenzene	50.0	51.9		ug/L		104	51 - 145
1,2,3-Trichloropropane	50.0	47.6		ug/L		95	50 - 133
1,2,4-Trichlorobenzene	50.0	52.2		ug/L		104	57 - 137
1,2,4-Trimethylbenzene	50.0	50.4		ug/L		101	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	44.5		ug/L		89	56 - 123
1,2-Dibromoethane	50.0	49.0		ug/L		98	70 - 125
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
1,2-Dichloroethane	50.0	44.7		ug/L		89	68 - 127
1,2-Dichloropropane	50.0	44.7		ug/L		89	67 - 130
1,3,5-Trimethylbenzene	50.0	51.1		ug/L		102	70 - 123
1,3-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 125
1,3-Dichloropropane	50.0	48.4		ug/L		97	62 - 136
1,4-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 120
2,2-Dichloropropane	50.0	48.9		ug/L		98	58 - 139
2-Chlorotoluene	50.0	49.4		ug/L		99	70 - 125
2-Hexanone	50.0	39.8		ug/L		80	54 - 146
4-Chlorotoluene	50.0	49.2		ug/L		98	68 - 124
Acetone	50.0	38.6		ug/L		77	40 - 143
Benzene	50.0	46.2		ug/L		92	70 - 120
Bromobenzene	50.0	50.7		ug/L		101	70 - 122
Bromochloromethane	50.0	48.0		ug/L		96	65 - 122
Bromodichloromethane	50.0	46.1		ug/L		92	69 - 120
Bromoform	50.0	49.1		ug/L		98	56 - 132
Bromomethane	50.0	46.6		ug/L		93	40 - 152
Carbon disulfide	50.0	44.2		ug/L		88	66 - 120
Carbon tetrachloride	50.0	51.5		ug/L		103	59 - 133
Chlorobenzene	50.0	50.5		ug/L		101	70 - 120
Chloroethane	50.0	38.8		ug/L		78	48 - 136
Chloroform	50.0	44.5		ug/L		89	70 - 120
Chloromethane	50.0	53.8		ug/L		108	56 - 152
cis-1,2-Dichloroethene	50.0	47.2		ug/L		94	70 - 125
cis-1,3-Dichloropropene	50.0	47.1		ug/L		94	64 - 127
Dibromochloromethane	50.0	48.8		ug/L		98	68 - 125
Dibromomethane	50.0	45.6		ug/L		91	70 - 120
Dichlorodifluoromethane	50.0	56.0		ug/L		112	40 - 159
Ethylbenzene	50.0	48.8		ug/L		98	70 - 123
Hexachlorobutadiene	50.0	56.7		ug/L		113	51 - 150
Isopropylbenzene	50.0	51.9		ug/L		104	70 - 126
m&p-Xylene	50.0	46.7		ug/L		93	70 - 125
Methyl Ethyl Ketone	50.0	36.4		ug/L		73	46 - 144
methyl isobutyl ketone	50.0	40.9		ug/L		82	55 - 139

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-784180/5
Matrix: Water
Analysis Batch: 784180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	43.9		ug/L		88	69 - 125
Naphthalene	50.0	48.4		ug/L		97	53 - 144
n-Butylbenzene	50.0	51.9		ug/L		104	68 - 125
N-Propylbenzene	50.0	50.2		ug/L		100	69 - 127
o-Xylene	50.0	49.2		ug/L		98	70 - 120
p-Isopropyltoluene	50.0	53.0		ug/L		106	70 - 125
sec-Butylbenzene	50.0	51.5		ug/L		103	70 - 123
Styrene	50.0	51.2		ug/L		102	70 - 120
tert-Butylbenzene	50.0	51.4		ug/L		103	70 - 121
Tetrachloroethene	50.0	55.6		ug/L		111	70 - 128
Toluene	50.0	45.9		ug/L		92	70 - 125
trans-1,2-Dichloroethene	50.0	48.0		ug/L		96	70 - 125
trans-1,3-Dichloropropene	50.0	48.0		ug/L		96	62 - 128
Trichloroethene	50.0	47.7		ug/L		95	70 - 125
Trichlorofluoromethane	50.0	51.2		ug/L		102	55 - 128
Vinyl chloride	50.0	53.4		ug/L		107	64 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: 500-255665-18 MS
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	50.6		ug/L		101	70 - 125
1,1,1-Trichloroethane	<1.0		50.0	47.4		ug/L		95	70 - 125
1,1,2,2-Tetrachloroethane	<1.0		50.0	50.3		ug/L		101	62 - 140
1,1,2-Trichloroethane	<1.0		50.0	51.0		ug/L		102	71 - 130
1,1-Dichloroethane	<1.0		50.0	46.7		ug/L		93	70 - 125
1,1-Dichloroethene	<1.0		50.0	46.1		ug/L		92	67 - 122
1,1-Dichloropropene	<1.0		50.0	46.1		ug/L		92	70 - 121
1,2,3-Trichlorobenzene	<1.0		50.0	57.3		ug/L		115	51 - 145
1,2,3-Trichloropropane	<2.0		50.0	50.2		ug/L		100	50 - 133
1,2,4-Trichlorobenzene	<1.0		50.0	50.8		ug/L		102	57 - 137
1,2,4-Trimethylbenzene	<1.0		50.0	49.7		ug/L		99	70 - 123
1,2-Dibromo-3-Chloropropane	<5.0		50.0	45.7		ug/L		91	56 - 123
1,2-Dibromoethane	<1.0		50.0	51.0		ug/L		102	70 - 125
1,2-Dichlorobenzene	<1.0		50.0	52.0		ug/L		104	70 - 125
1,2-Dichloroethane	<1.0		50.0	45.9		ug/L		92	68 - 127
1,2-Dichloropropane	<1.0		50.0	45.7		ug/L		91	67 - 130
1,3,5-Trimethylbenzene	<1.0		50.0	50.9		ug/L		102	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	51.5		ug/L		103	70 - 125
1,3-Dichloropropane	<1.0		50.0	49.7		ug/L		99	62 - 136
1,4-Dichlorobenzene	<1.0		50.0	50.0		ug/L		100	70 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-255665-18 MS
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	<5.0		50.0	45.2		ug/L		90	58 - 139
2-Chlorotoluene	<1.0		50.0	49.1		ug/L		98	70 - 125
2-Hexanone	<5.0		50.0	44.5		ug/L		89	54 - 146
4-Chlorotoluene	<1.0		50.0	49.5		ug/L		99	68 - 124
Acetone	<10		50.0	35.9		ug/L		72	40 - 143
Benzene	<0.50		50.0	45.2		ug/L		90	70 - 120
Bromobenzene	<1.0		50.0	52.9		ug/L		106	70 - 122
Bromochloromethane	<1.0		50.0	49.5		ug/L		99	65 - 122
Bromodichloromethane	<1.0		50.0	46.1		ug/L		92	69 - 120
Bromoform	<1.0		50.0	47.6		ug/L		95	56 - 132
Bromomethane	<3.0		50.0	42.3		ug/L		85	40 - 152
Carbon disulfide	<2.0		50.0	41.6		ug/L		83	66 - 120
Carbon tetrachloride	<1.0		50.0	47.9		ug/L		96	59 - 133
Chlorobenzene	<1.0		50.0	49.9		ug/L		100	70 - 120
Chloroethane	<5.0		50.0	35.0		ug/L		70	48 - 136
Chloroform	<2.0		50.0	45.0		ug/L		90	70 - 120
Chloromethane	<5.0		50.0	48.4		ug/L		97	56 - 152
cis-1,2-Dichloroethene	1.4		50.0	48.8		ug/L		95	70 - 125
cis-1,3-Dichloropropene	<1.0		50.0	46.8		ug/L		94	64 - 127
Dibromochloromethane	<1.0		50.0	49.1		ug/L		98	68 - 125
Dibromomethane	<1.0		50.0	47.1		ug/L		94	70 - 120
Dichlorodifluoromethane	<3.0		50.0	47.8		ug/L		96	40 - 159
Ethylbenzene	<0.50		50.0	46.6		ug/L		93	70 - 123
Hexachlorobutadiene	<1.0		50.0	52.1		ug/L		104	51 - 150
Isopropylbenzene	<1.0		50.0	50.9		ug/L		102	70 - 126
m&p-Xylene	<1.0		50.0	45.6		ug/L		91	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	41.4		ug/L		83	46 - 144
methyl isobutyl ketone	<5.0		50.0	44.7		ug/L		89	55 - 139
Methylene Chloride	<5.0		50.0	45.7		ug/L		91	69 - 125
Naphthalene	<1.0		50.0	53.7		ug/L		107	53 - 144
n-Butylbenzene	<1.0		50.0	48.6		ug/L		97	68 - 125
N-Propylbenzene	<1.0		50.0	49.5		ug/L		99	69 - 127
o-Xylene	<0.50		50.0	47.7		ug/L		95	70 - 120
p-Isopropyltoluene	<1.0		50.0	50.5		ug/L		101	70 - 125
sec-Butylbenzene	<1.0		50.0	50.4		ug/L		101	70 - 123
Styrene	<1.0		50.0	50.0		ug/L		100	70 - 120
tert-Butylbenzene	<1.0		50.0	51.1		ug/L		102	70 - 121
Tetrachloroethene	0.65	J	50.0	52.5		ug/L		104	70 - 128
Toluene	<0.50		50.0	45.0		ug/L		90	70 - 125
trans-1,2-Dichloroethene	<1.0		50.0	47.8		ug/L		96	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	46.8		ug/L		94	62 - 128
Trichloroethene	14		50.0	59.7		ug/L		92	70 - 125
Trichlorofluoromethane	<1.0		50.0	44.8		ug/L		90	55 - 128
Vinyl chloride	<1.0		50.0	45.1		ug/L		90	64 - 126

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-784180/5
Matrix: Water
Analysis Batch: 784180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	43.9		ug/L		88	69 - 125
Naphthalene	50.0	48.4		ug/L		97	53 - 144
n-Butylbenzene	50.0	51.9		ug/L		104	68 - 125
N-Propylbenzene	50.0	50.2		ug/L		100	69 - 127
o-Xylene	50.0	49.2		ug/L		98	70 - 120
p-Isopropyltoluene	50.0	53.0		ug/L		106	70 - 125
sec-Butylbenzene	50.0	51.5		ug/L		103	70 - 123
Styrene	50.0	51.2		ug/L		102	70 - 120
tert-Butylbenzene	50.0	51.4		ug/L		103	70 - 121
Tetrachloroethene	50.0	55.6		ug/L		111	70 - 128
Toluene	50.0	45.9		ug/L		92	70 - 125
trans-1,2-Dichloroethene	50.0	48.0		ug/L		96	70 - 125
trans-1,3-Dichloropropene	50.0	48.0		ug/L		96	62 - 128
Trichloroethene	50.0	47.7		ug/L		95	70 - 125
Trichlorofluoromethane	50.0	51.2		ug/L		102	55 - 128
Vinyl chloride	50.0	53.4		ug/L		107	64 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: 500-255665-18 MS
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	50.6		ug/L		101	70 - 125
1,1,1-Trichloroethane	<1.0		50.0	47.4		ug/L		95	70 - 125
1,1,2,2-Tetrachloroethane	<1.0		50.0	50.3		ug/L		101	62 - 140
1,1,2-Trichloroethane	<1.0		50.0	51.0		ug/L		102	71 - 130
1,1-Dichloroethane	<1.0		50.0	46.7		ug/L		93	70 - 125
1,1-Dichloroethene	<1.0		50.0	46.1		ug/L		92	67 - 122
1,1-Dichloropropene	<1.0		50.0	46.1		ug/L		92	70 - 121
1,2,3-Trichlorobenzene	<1.0		50.0	57.3		ug/L		115	51 - 145
1,2,3-Trichloropropane	<2.0		50.0	50.2		ug/L		100	50 - 133
1,2,4-Trichlorobenzene	<1.0		50.0	50.8		ug/L		102	57 - 137
1,2,4-Trimethylbenzene	<1.0		50.0	49.7		ug/L		99	70 - 123
1,2-Dibromo-3-Chloropropane	<5.0		50.0	45.7		ug/L		91	56 - 123
1,2-Dibromoethane	<1.0		50.0	51.0		ug/L		102	70 - 125
1,2-Dichlorobenzene	<1.0		50.0	52.0		ug/L		104	70 - 125
1,2-Dichloroethane	<1.0		50.0	45.9		ug/L		92	68 - 127
1,2-Dichloropropane	<1.0		50.0	45.7		ug/L		91	67 - 130
1,3,5-Trimethylbenzene	<1.0		50.0	50.9		ug/L		102	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	51.5		ug/L		103	70 - 125
1,3-Dichloropropane	<1.0		50.0	49.7		ug/L		99	62 - 136
1,4-Dichlorobenzene	<1.0		50.0	50.0		ug/L		100	70 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-255665-18 MS
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	<5.0		50.0	45.2		ug/L		90	58 - 139
2-Chlorotoluene	<1.0		50.0	49.1		ug/L		98	70 - 125
2-Hexanone	<5.0		50.0	44.5		ug/L		89	54 - 146
4-Chlorotoluene	<1.0		50.0	49.5		ug/L		99	68 - 124
Acetone	<10		50.0	35.9		ug/L		72	40 - 143
Benzene	<0.50		50.0	45.2		ug/L		90	70 - 120
Bromobenzene	<1.0		50.0	52.9		ug/L		106	70 - 122
Bromochloromethane	<1.0		50.0	49.5		ug/L		99	65 - 122
Bromodichloromethane	<1.0		50.0	46.1		ug/L		92	69 - 120
Bromoform	<1.0		50.0	47.6		ug/L		95	56 - 132
Bromomethane	<3.0		50.0	42.3		ug/L		85	40 - 152
Carbon disulfide	<2.0		50.0	41.6		ug/L		83	66 - 120
Carbon tetrachloride	<1.0		50.0	47.9		ug/L		96	59 - 133
Chlorobenzene	<1.0		50.0	49.9		ug/L		100	70 - 120
Chloroethane	<5.0		50.0	35.0		ug/L		70	48 - 136
Chloroform	<2.0		50.0	45.0		ug/L		90	70 - 120
Chloromethane	<5.0		50.0	48.4		ug/L		97	56 - 152
cis-1,2-Dichloroethene	1.4		50.0	48.8		ug/L		95	70 - 125
cis-1,3-Dichloropropene	<1.0		50.0	46.8		ug/L		94	64 - 127
Dibromochloromethane	<1.0		50.0	49.1		ug/L		98	68 - 125
Dibromomethane	<1.0		50.0	47.1		ug/L		94	70 - 120
Dichlorodifluoromethane	<3.0		50.0	47.8		ug/L		96	40 - 159
Ethylbenzene	<0.50		50.0	46.6		ug/L		93	70 - 123
Hexachlorobutadiene	<1.0		50.0	52.1		ug/L		104	51 - 150
Isopropylbenzene	<1.0		50.0	50.9		ug/L		102	70 - 126
m&p-Xylene	<1.0		50.0	45.6		ug/L		91	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	41.4		ug/L		83	46 - 144
methyl isobutyl ketone	<5.0		50.0	44.7		ug/L		89	55 - 139
Methylene Chloride	<5.0		50.0	45.7		ug/L		91	69 - 125
Naphthalene	<1.0		50.0	53.7		ug/L		107	53 - 144
n-Butylbenzene	<1.0		50.0	48.6		ug/L		97	68 - 125
N-Propylbenzene	<1.0		50.0	49.5		ug/L		99	69 - 127
o-Xylene	<0.50		50.0	47.7		ug/L		95	70 - 120
p-Isopropyltoluene	<1.0		50.0	50.5		ug/L		101	70 - 125
sec-Butylbenzene	<1.0		50.0	50.4		ug/L		101	70 - 123
Styrene	<1.0		50.0	50.0		ug/L		100	70 - 120
tert-Butylbenzene	<1.0		50.0	51.1		ug/L		102	70 - 121
Tetrachloroethene	0.65	J	50.0	52.5		ug/L		104	70 - 128
Toluene	<0.50		50.0	45.0		ug/L		90	70 - 125
trans-1,2-Dichloroethene	<1.0		50.0	47.8		ug/L		96	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	46.8		ug/L		94	62 - 128
Trichloroethene	14		50.0	59.7		ug/L		92	70 - 125
Trichlorofluoromethane	<1.0		50.0	44.8		ug/L		90	55 - 128
Vinyl chloride	<1.0		50.0	45.1		ug/L		90	64 - 126

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-255665-18 MS
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: 500-255665-18 MSD
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.0		50.0	50.6		ug/L		101	70 - 125	0	20
1,1,1-Trichloroethane	<1.0		50.0	47.3		ug/L		95	70 - 125	0	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	49.6		ug/L		99	62 - 140	1	20
1,1,2-Trichloroethane	<1.0		50.0	49.2		ug/L		98	71 - 130	4	20
1,1-Dichloroethane	<1.0		50.0	46.4		ug/L		93	70 - 125	1	20
1,1-Dichloroethene	<1.0		50.0	45.9		ug/L		92	67 - 122	0	20
1,1-Dichloropropene	<1.0		50.0	44.9		ug/L		90	70 - 121	3	20
1,2,3-Trichlorobenzene	<1.0		50.0	55.8		ug/L		112	51 - 145	3	20
1,2,3-Trichloropropane	<2.0		50.0	49.7		ug/L		99	50 - 133	1	20
1,2,4-Trichlorobenzene	<1.0		50.0	50.3		ug/L		101	57 - 137	1	20
1,2,4-Trimethylbenzene	<1.0		50.0	48.2		ug/L		96	70 - 123	3	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	46.0		ug/L		92	56 - 123	1	20
1,2-Dibromoethane	<1.0		50.0	49.7		ug/L		99	70 - 125	3	20
1,2-Dichlorobenzene	<1.0		50.0	51.0		ug/L		102	70 - 125	2	20
1,2-Dichloroethane	<1.0		50.0	46.0		ug/L		92	68 - 127	0	20
1,2-Dichloropropane	<1.0		50.0	44.5		ug/L		89	67 - 130	3	20
1,3,5-Trimethylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 123	5	20
1,3-Dichlorobenzene	<1.0		50.0	49.8		ug/L		100	70 - 125	3	20
1,3-Dichloropropane	<1.0		50.0	49.2		ug/L		98	62 - 136	1	20
1,4-Dichlorobenzene	<1.0		50.0	48.9		ug/L		98	70 - 120	2	20
2,2-Dichloropropane	<5.0		50.0	45.3		ug/L		91	58 - 139	0	20
2-Chlorotoluene	<1.0		50.0	47.7		ug/L		95	70 - 125	3	20
2-Hexanone	<5.0		50.0	45.6		ug/L		91	54 - 146	2	20
4-Chlorotoluene	<1.0		50.0	47.3		ug/L		95	68 - 124	4	20
Acetone	<10		50.0	39.2		ug/L		78	40 - 143	9	20
Benzene	<0.50		50.0	44.7		ug/L		89	70 - 120	1	20
Bromobenzene	<1.0		50.0	51.1		ug/L		102	70 - 122	3	20
Bromochloromethane	<1.0		50.0	48.6		ug/L		97	65 - 122	2	20
Bromodichloromethane	<1.0		50.0	45.1		ug/L		90	69 - 120	2	20
Bromoform	<1.0		50.0	48.7		ug/L		97	56 - 132	2	20
Bromomethane	<3.0		50.0	45.0		ug/L		90	40 - 152	6	20
Carbon disulfide	<2.0		50.0	42.5		ug/L		85	66 - 120	2	20
Carbon tetrachloride	<1.0		50.0	48.0		ug/L		96	59 - 133	0	20
Chlorobenzene	<1.0		50.0	48.6		ug/L		97	70 - 120	3	20
Chloroethane	<5.0		50.0	38.7		ug/L		77	48 - 136	10	20
Chloroform	<2.0		50.0	44.8		ug/L		90	70 - 120	1	20
Chloromethane	<5.0		50.0	48.1		ug/L		96	56 - 152	1	20
cis-1,2-Dichloroethene	1.4		50.0	48.9		ug/L		95	70 - 125	0	20
cis-1,3-Dichloropropene	<1.0		50.0	44.6		ug/L		89	64 - 127	5	20
Dibromochloromethane	<1.0		50.0	49.2		ug/L		98	68 - 125	0	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-255665-18 MSD
Matrix: Water
Analysis Batch: 784180

Client Sample ID: EW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibromomethane	<1.0		50.0	46.3		ug/L		93	70 - 120	2	20
Dichlorodifluoromethane	<3.0		50.0	56.5		ug/L		113	40 - 159	17	20
Ethylbenzene	<0.50		50.0	45.2		ug/L		90	70 - 123	3	20
Hexachlorobutadiene	<1.0		50.0	51.8		ug/L		104	51 - 150	0	20
Isopropylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 126	4	20
m&p-Xylene	<1.0		50.0	44.0		ug/L		88	70 - 125	4	20
Methyl Ethyl Ketone	<5.0		50.0	42.1		ug/L		84	46 - 144	2	20
methyl isobutyl ketone	<5.0		50.0	47.0		ug/L		94	55 - 139	5	20
Methylene Chloride	<5.0		50.0	46.7		ug/L		93	69 - 125	2	20
Naphthalene	<1.0		50.0	52.8		ug/L		106	53 - 144	2	20
n-Butylbenzene	<1.0		50.0	46.5		ug/L		93	68 - 125	4	20
N-Propylbenzene	<1.0		50.0	47.2		ug/L		94	69 - 127	5	20
o-Xylene	<0.50		50.0	47.5		ug/L		95	70 - 120	0	20
p-Isopropyltoluene	<1.0		50.0	48.8		ug/L		98	70 - 125	3	20
sec-Butylbenzene	<1.0		50.0	48.1		ug/L		96	70 - 123	5	20
Styrene	<1.0		50.0	48.9		ug/L		98	70 - 120	2	20
tert-Butylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 121	5	20
Tetrachloroethene	0.65	J	50.0	51.1		ug/L		101	70 - 128	3	20
Toluene	<0.50		50.0	43.1		ug/L		86	70 - 125	4	20
trans-1,2-Dichloroethene	<1.0		50.0	47.6		ug/L		95	70 - 125	0	20
trans-1,3-Dichloropropene	<1.0		50.0	46.1		ug/L		92	62 - 128	2	20
Trichloroethene	14		50.0	58.7		ug/L		90	70 - 125	2	20
Trichlorofluoromethane	<1.0		50.0	48.9		ug/L		98	55 - 128	9	20
Vinyl chloride	<1.0		50.0	47.7		ug/L		95	64 - 126	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Client Sample ID: RFW-1A
Date Collected: 08/24/24 09:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 18:27

Client Sample ID: RFW-1B
Date Collected: 08/24/24 09:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 18:50

Client Sample ID: RFW-2A
Date Collected: 08/24/24 10:40
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 19:14

Client Sample ID: RFW-2B
Date Collected: 08/24/24 11:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 19:37

Client Sample ID: RFW-3B
Date Collected: 08/24/24 12:10
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 20:00

Client Sample ID: RFW-4A
Date Collected: 08/25/24 12:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 20:24

Client Sample ID: RFW-4A DUP
Date Collected: 08/25/24 12:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 20:47

Client Sample ID: RFW-4B
Date Collected: 08/25/24 12:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 21:11

Client Sample ID: RFW-6
Date Collected: 08/24/24 14:50
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 21:34

Client Sample ID: RFW-7
Date Collected: 08/24/24 13:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 21:57

Client Sample ID: RFW-9
Date Collected: 08/25/24 11:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 16:01

Client Sample ID: RFW-11B
Date Collected: 08/24/24 15:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 16:24

Client Sample ID: RFW-12B
Date Collected: 08/25/24 14:05
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 16:47

Client Sample ID: RFW-13
Date Collected: 08/24/24 16:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 17:10

Lab Chronicle

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Client Sample ID: RFW-17
Date Collected: 08/25/24 10:15
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 17:33

Client Sample ID: Trip Blank
Date Collected: 08/24/24 09:00
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	783773	SW1	EET CHI	08/29/24 14:32

Client Sample ID: EW-2
Date Collected: 08/25/24 08:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 17:56

Client Sample ID: EW-3
Date Collected: 08/25/24 08:30
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784180	SW1	EET CHI	09/03/24 18:20

Client Sample ID: EW-4
Date Collected: 08/25/24 08:20
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 18:28

Client Sample ID: EW-5
Date Collected: 08/25/24 08:00
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 18:52

Client Sample ID: EW-6
Date Collected: 08/25/24 07:45
Date Received: 08/27/24 09:30

Lab Sample ID: 500-255665-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 19:15

Client Sample ID: EW-7

Lab Sample ID: 500-255665-22

Date Collected: 08/25/24 07:35
Matrix: Water
Date Received: 08/27/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 19:38

Client Sample ID: EW-8

Lab Sample ID: 500-255665-23

Date Collected: 08/25/24 07:20
Matrix: Water
Date Received: 08/27/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 20:02

Client Sample ID: EW-9

Lab Sample ID: 500-255665-24

Date Collected: 08/25/24 07:10
Matrix: Water
Date Received: 08/27/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 20:25

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-255665-25

Date Collected: 08/25/24 07:10
Matrix: Water
Date Received: 08/27/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 20:49

Client Sample ID: EW-10

Lab Sample ID: 500-255665-26

Date Collected: 08/25/24 06:55
Matrix: Water
Date Received: 08/27/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	784176	SW1	EET CHI	09/03/24 21:12

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: Stanley Black and Decker - Hampstead, MD

Job ID: 500-255665-1

Laboratory: Eurofins Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Georgia	State	N/A	05-31-25
Georgia (DW)	State	939	05-31-25
Hawaii	State	NA	05-31-25
Illinois	NELAP	IL00035	05-31-25
Indiana	State	C-IL-02	05-31-25
Iowa	State	082	05-01-26
Kansas	NELAP	E-10161	10-31-24
Kentucky (UST)	State	AI # 108083	05-31-25
Kentucky (WW)	State	KY90023	12-31-24
Louisiana (All)	NELAP	02046	06-30-25
Mississippi	State	NA	05-31-25
North Carolina (WW/SW)	State	291	12-31-24
North Dakota	State	R-194	04-29-24 *
Oklahoma	State	8908	08-31-24 *
South Carolina	State	77001003	04-29-24 *
USDA	US Federal Programs	P330-18-00018	03-30-26
Wisconsin	State	999580010	08-31-25
Wyoming	State	8TMS-Q	05-31-25

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* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record 733631

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Address ______________________

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager		Site Contact	Greg Flasinski	Date.	COC No
Company Name	Weston Solutions	Tel/Email		Lab Contact	Shawn Hepp	Carrier.	1 of 3 COCs
Address	1 Weston Way	Analysis Turnaround Time					Sampler
City/State/Zip	WC PA	☐ CALENDAR DAYS ☐ WORKING DAYS					For Lab Use Only
Phone	610 731 0583	TAT if different from Below ______					Walk-in Client
Fax		☐ 2 weeks					Lab Sampling
Project Name	Stanley Black + Decker	☐ 1 week					
Site	Hampstead, MD	☐ 2 days					Job / SDG No
P O #	50000227	☐ 1 day					500-255665

500-255665 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOC	Sample Specific Notes
1	RFW-1A	8/24	915	G	W	3			✓	
2	RFW-1B		950						✓	
3	RFW-2A		1040						✓	
4	RFW-2B		1115						✓	
5	RFW-3B		1210						✓	
6	RFW-4A	8/25	1215						✓	
7	RFW-4A Dup	8/25	1215						✓	
8	RFW 4B	8/25	1250						✓	
9	RFW-6	8/24	1450						✓	
10	RFW-7	8/24	1345						✓	
11	RFW-9	8/25	1015						✓	
12	RFW-11B	8/24	1545						✓	

Preservation Used. 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments·

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No		Cooler Temp (°C) Obs'd 4.1 Corr'd 3.8		Therm ID No ______
Relinquished by [signature]	Company Weston	Date/Time 8/26/24 1000	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by [signature]	Company [illegible]	Date/Time 8/27/24 0930

Chain of Custody Record 733632

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Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager:	Site Contact	Date	COC No
Company Name Western	Tel/Email	Lab Contact	Carrier.	2 of 3 COCs
Address	Analysis Turnaround Time			Sampler
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone	TAT if different from Below _____			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name Stanley Black + Decker	☐ 1 week			
Site	☐ 2 days			Job / SDG No
P O #	☐ 1 day			500-255665

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOC	Sample Specific Notes
13	RFW-12B	8/25	1405	G	W	3			✓	
14	RFW-13	8/24	1645			3			✓	
15	RFW-17	8/25	1015			3			✓	
16	Trip Blank	8/24	900			2			✓	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____
Relinquished by	Company Western	Date/Time 8/26 1600	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company EBAT	Date/Time 8/27/24 0930

Chain of Custody Record 733633

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Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager	Site Contact	Date	COC No
Company Name Weston	Tel/Email	Lab Contact	Carrier	3 of 3 COCs
Address	Analysis Turnaround Time			Sampler
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone	TAT if different from Below _____			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name: Stanley STD	☐ 1 week			
Site	☐ 2 days			Job / SDG No
P O #	☐ 1 day			500-255665

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOC	Sample Specific Notes
17	EW-2	8/25/24	845	G	W	3			✓	
18	EW-3		830						✓	
19	EW-4		830						✓	
20	EW-5		800						✓	
21	EW-6		745						✓	
22	EW-7		735						✓	
23	EW-8		720						✓	
24	EW-9		710						✓	
25	EW-9 Dup		710						✓	
26	EW-10		655						✓	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____		
Relinquished by	Company: Weston	Date/Time: 8/26/24 1600	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by: Shri Scott	Company: EET A	Date/Time: 8/27/24 0930

Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 500-255665-1

Login Number: 255665
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Greg Flasinski
Weston Solutions Inc
1400 Weston Way
PO BOX 2653
West Chester, Pennsylvania 19380

Generated 9/9/2024 5:02:01 PM

JOB DESCRIPTION

Black & Decker Quarterly - 3Q2024

JOB NUMBER

680-255195-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

Eurofins Savannah

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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9/9/2024 5:02:01 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Job ID: 680-255195-1 — Eurofins Savannah

Job Narrative
680-255195-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 8/27/2024 9:57 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Weston Solutions Inc
Project/Site: Black & Decker Quarterly - 3Q2024

Job ID: 680-255195-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-255195-1	RFW-20	Water	08/24/24 08:20	08/27/24 09:57
680-255195-2	RFW-21	Water	08/24/24 07:30	08/27/24 09:57
680-255195-3	HAMP-22	Water	08/22/24 09:30	08/27/24 09:57
680-255195-4	HAMP-23	Water	08/22/24 09:35	08/27/24 09:57
680-255195-5	Trip Blank	Water	08/22/24 09:00	08/27/24 09:57

Method Summary

Client: Weston Solutions Inc
Project/Site: Black & Decker Quarterly - 3Q2024

Job ID: 680-255195-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EA SB

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample ID: RFW-20
Date Collected: 08/24/24 08:20
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-1
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 19:22	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 19:22	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			08/29/24 19:22	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			08/29/24 19:22	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			08/29/24 19:22	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
2-Hexanone	<5.0		5.0	1.4	ug/L			08/29/24 19:22	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			09/04/24 10:24	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			08/29/24 19:22	1
Acetone	<5.0		5.0	2.3	ug/L			08/29/24 19:22	1
Benzene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Bromobenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Bromoform	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Bromomethane	<0.50		0.50	0.30	ug/L			08/29/24 19:22	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Chloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Chloroform	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Chloromethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Dibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			08/29/24 19:22	1
Ethylbenzene	<0.50		0.50	0.10	ug/L			09/04/24 10:24	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			08/29/24 19:22	1
Freon 113	<0.50		0.50	0.30	ug/L			08/29/24 19:22	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			08/29/24 19:22	1

Client Sample ID: RFW-20
Date Collected: 08/24/24 08:20
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-1
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.25		0.25	0.20	ug/L			09/04/24 10:24	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			08/29/24 19:22	1
m-Xylene & p-Xylene	<0.50		0.50	0.30	ug/L			09/04/24 10:24	1
Naphthalene	<0.50		0.50	0.40	ug/L			08/29/24 19:22	1
n-Butylbenzene	<0.50		0.50	0.30	ug/L			08/29/24 19:22	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 10:24	1
o-Xylene	<0.50		0.50	0.20	ug/L			09/04/24 10:24	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Styrene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			08/29/24 19:22	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			08/29/24 19:22	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			08/29/24 19:22	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Toluene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Trichloroethene	<0.50		0.50	0.10	ug/L			08/29/24 19:22	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 19:22	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			08/29/24 19:22	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			09/04/24 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*72*		*70 - 130*		*08/29/24 19:22*	*1*
1,2-Dichlorobenzene-d4	*79*		*70 - 130*		*08/29/24 19:22*	*1*
1,2-Dichlorobenzene-d4	*88*		*70 - 130*		*09/04/24 10:24*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*08/29/24 19:22*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*08/29/24 19:22*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*09/04/24 10:24*	*1*

Client Sample ID: RFW-21
Date Collected: 08/24/24 07:30
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-2
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 19:46	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 19:46	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			08/29/24 19:46	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			08/29/24 19:46	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			08/29/24 19:46	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
2-Hexanone	<5.0		5.0	1.4	ug/L			08/29/24 19:46	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			09/04/24 10:47	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			08/29/24 19:46	1
Acetone	<5.0		5.0	2.3	ug/L			08/29/24 19:46	1
Benzene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Bromobenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Bromoform	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Bromomethane	<0.50		0.50	0.30	ug/L			08/29/24 19:46	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Chloroethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Chloroform	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Chloromethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Dibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			08/29/24 19:46	1
Ethylbenzene	<0.50		0.50	0.10	ug/L			09/04/24 10:47	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			08/29/24 19:46	1
Freon 113	<0.50		0.50	0.30	ug/L			08/29/24 19:46	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			08/29/24 19:46	1

Client Sample ID: RFW-21
Date Collected: 08/24/24 07:30
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-2
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.25		0.25	0.20	ug/L			09/04/24 10:47	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			08/29/24 19:46	1
m-Xylene & p-Xylene	<0.50		0.50	0.30	ug/L			09/04/24 10:47	1
Naphthalene	<0.50		0.50	0.40	ug/L			08/29/24 19:46	1
n-Butylbenzene	<0.50		0.50	0.30	ug/L			08/29/24 19:46	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 10:47	1
o-Xylene	<0.50		0.50	0.20	ug/L			09/04/24 10:47	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Styrene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			08/29/24 19:46	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			08/29/24 19:46	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			08/29/24 19:46	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Toluene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Trichloroethene	<0.50		0.50	0.10	ug/L			08/29/24 19:46	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 19:46	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			08/29/24 19:46	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			09/04/24 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*72*		*70 - 130*		*08/29/24 19:46*	*1*
1,2-Dichlorobenzene-d4	*80*		*70 - 130*		*08/29/24 19:46*	*1*
1,2-Dichlorobenzene-d4	*89*		*70 - 130*		*09/04/24 10:47*	*1*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*		*08/29/24 19:46*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*08/29/24 19:46*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*09/04/24 10:47*	*1*

Client Sample ID: HAMP-22
Date Collected: 08/22/24 09:30
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-3
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:10	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:10	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			08/29/24 20:10	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			08/29/24 20:10	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			08/29/24 20:10	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
2-Hexanone	<5.0		5.0	1.4	ug/L			08/29/24 20:10	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			09/04/24 11:10	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			08/29/24 20:10	1
Acetone	<5.0		5.0	2.3	ug/L			08/29/24 20:10	1
Benzene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Bromobenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Bromoform	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Bromomethane	<0.50		0.50	0.30	ug/L			08/29/24 20:10	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Chloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Chloroform	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Chloromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Dibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			08/29/24 20:10	1
Ethylbenzene	<0.50		0.50	0.10	ug/L			09/04/24 11:10	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			08/29/24 20:10	1
Freon 113	<0.50		0.50	0.30	ug/L			08/29/24 20:10	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			08/29/24 20:10	1

Client Sample ID: HAMP-22
Date Collected: 08/22/24 09:30
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-3
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.25		0.25	0.20	ug/L			09/04/24 11:10	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			08/29/24 20:10	1
m-Xylene & p-Xylene	<0.50		0.50	0.30	ug/L			09/04/24 11:10	1
Naphthalene	<0.50		0.50	0.40	ug/L			08/29/24 20:10	1
n-Butylbenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:10	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 11:10	1
o-Xylene	<0.50		0.50	0.20	ug/L			09/04/24 11:10	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Styrene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			08/29/24 20:10	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			08/29/24 20:10	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			08/29/24 20:10	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Tetrachloroethene	1.6		0.50	0.20	ug/L			08/29/24 20:10	1
Toluene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Trichloroethene	<0.50		0.50	0.10	ug/L			08/29/24 20:10	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:10	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			08/29/24 20:10	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			09/04/24 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*75*		*70 - 130*		*08/29/24 20:10*	*1*
1,2-Dichlorobenzene-d4	*82*		*70 - 130*		*08/29/24 20:10*	*1*
1,2-Dichlorobenzene-d4	*89*		*70 - 130*		*09/04/24 11:10*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*08/29/24 20:10*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*08/29/24 20:10*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*09/04/24 11:10*	*1*

Client Sample ID: HAMP-23
Date Collected: 08/22/24 09:35
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-4
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:34	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:34	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			08/29/24 20:34	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			08/29/24 20:34	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			08/29/24 20:34	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
2-Hexanone	<5.0		5.0	1.4	ug/L			08/29/24 20:34	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			09/04/24 11:33	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			08/29/24 20:34	1
Acetone	<5.0		5.0	2.3	ug/L			08/29/24 20:34	1
Benzene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Bromobenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Bromoform	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Bromomethane	<0.50		0.50	0.30	ug/L			08/29/24 20:34	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Chloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Chloroform	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Chloromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Dibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			08/29/24 20:34	1
Ethylbenzene	<0.50		0.50	0.10	ug/L			09/04/24 11:33	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			08/29/24 20:34	1
Freon 113	<0.50		0.50	0.30	ug/L			08/29/24 20:34	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			08/29/24 20:34	1

Client Sample ID: HAMP-23
Date Collected: 08/22/24 09:35
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-4
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.25		0.25	0.20	ug/L			09/04/24 11:33	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			08/29/24 20:34	1
m-Xylene & p-Xylene	<0.50		0.50	0.30	ug/L			09/04/24 11:33	1
Naphthalene	<0.50		0.50	0.40	ug/L			08/29/24 20:34	1
n-Butylbenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:34	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 11:33	1
o-Xylene	<0.50		0.50	0.20	ug/L			09/04/24 11:33	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Styrene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			08/29/24 20:34	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			08/29/24 20:34	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			08/29/24 20:34	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Toluene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Trichloroethene	<0.50		0.50	0.10	ug/L			08/29/24 20:34	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:34	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			08/29/24 20:34	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			09/04/24 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*73*		*70 - 130*		*08/29/24 20:34*	*1*
1,2-Dichlorobenzene-d4	*81*		*70 - 130*		*08/29/24 20:34*	*1*
1,2-Dichlorobenzene-d4	*89*		*70 - 130*		*09/04/24 11:33*	*1*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*		*08/29/24 20:34*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*08/29/24 20:34*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*09/04/24 11:33*	*1*

Client Sample ID: Trip Blank
Date Collected: 08/22/24 09:00
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-5
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:58	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:58	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			08/29/24 20:58	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			08/29/24 20:58	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			08/29/24 20:58	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
2-Hexanone	<5.0		5.0	1.4	ug/L			08/29/24 20:58	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			09/04/24 11:56	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			08/29/24 20:58	1
Acetone	15		5.0	2.3	ug/L			08/29/24 20:58	1
Benzene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Bromobenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Bromoform	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Bromomethane	<0.50		0.50	0.30	ug/L			08/29/24 20:58	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Chloroethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Chloroform	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Chloromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Dibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			08/29/24 20:58	1
Ethylbenzene	<0.50		0.50	0.10	ug/L			09/04/24 11:56	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			08/29/24 20:58	1
Freon 113	<0.50		0.50	0.30	ug/L			08/29/24 20:58	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			08/29/24 20:58	1

Client Sample ID: Trip Blank
Date Collected: 08/22/24 09:00
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-5
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.25		0.25	0.20	ug/L			09/04/24 11:56	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			08/29/24 20:58	1
m-Xylene & p-Xylene	<0.50		0.50	0.30	ug/L			09/04/24 11:56	1
Naphthalene	<0.50		0.50	0.40	ug/L			08/29/24 20:58	1
n-Butylbenzene	<0.50		0.50	0.30	ug/L			08/29/24 20:58	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 11:56	1
o-Xylene	<0.50		0.50	0.20	ug/L			09/04/24 11:56	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Styrene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			08/29/24 20:58	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			08/29/24 20:58	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			08/29/24 20:58	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Toluene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Trichloroethene	<0.50		0.50	0.10	ug/L			08/29/24 20:58	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 20:58	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			08/29/24 20:58	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			09/04/24 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*71*		*70 - 130*		*08/29/24 20:58*	*1*
1,2-Dichlorobenzene-d4	*79*		*70 - 130*		*08/29/24 20:58*	*1*
1,2-Dichlorobenzene-d4	*90*		*70 - 130*		*09/04/24 11:56*	*1*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*		*08/29/24 20:58*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*08/29/24 20:58*	*1*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*09/04/24 11:56*	*1*

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 810-112651/6
Matrix: Water
Analysis Batch: 112651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 16:18	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			08/29/24 16:18	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			08/29/24 16:18	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			08/29/24 16:18	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			08/29/24 16:18	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
2-Hexanone	<5.0		5.0	1.4	ug/L			08/29/24 16:18	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			08/29/24 16:18	1
Acetone	<5.0		5.0	2.3	ug/L			08/29/24 16:18	1
Benzene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Bromobenzene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Bromoform	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Bromomethane	<0.50		0.50	0.30	ug/L			08/29/24 16:18	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Chloroethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Chloroform	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Chloromethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Dibromomethane	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			08/29/24 16:18	1
Freon 113	<0.50		0.50	0.30	ug/L			08/29/24 16:18	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			08/29/24 16:18	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			08/29/24 16:18	1
Naphthalene	<0.50		0.50	0.40	ug/L			08/29/24 16:18	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 810-112651/6
Matrix: Water
Analysis Batch: 112651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	<0.50		0.50	0.30	ug/L			08/29/24 16:18	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Styrene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Toluene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Trichloroethene	<0.50		0.50	0.10	ug/L			08/29/24 16:18	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			08/29/24 16:18	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			08/29/24 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*72*		*70 - 130*		*08/29/24 16:18*	*1*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*		*08/29/24 16:18*	*1*

Lab Sample ID: 680-255195-1 MS
Matrix: Water
Analysis Batch: 112651

Client Sample ID: RFW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.50		10.0	9.82		ug/L		98	70 - 130
1,1,1-Trichloroethane	<0.50		10.0	10.4		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	<0.50		10.0	9.65		ug/L		97	70 - 130
1,1,2-Trichloroethane	<0.50		10.0	9.99		ug/L		100	70 - 130
1,1-Dichloroethane	<0.50		10.0	10.9		ug/L		109	70 - 130
1,1-Dichloroethene	<0.50		10.0	10.7		ug/L		107	70 - 130
1,1-Dichloropropene	<0.50		10.0	11.6		ug/L		116	70 - 130
1,2,3-Trichlorobenzene	<0.50		10.0	9.45		ug/L		95	70 - 130
1,2,3-Trichloropropane	<0.50		10.0	10.0		ug/L		100	70 - 130
1,2,4-Trichlorobenzene	<0.50		10.0	9.22		ug/L		92	70 - 130
1,2,4-Trimethylbenzene	<0.50		10.0	10.1		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	<0.20		10.0	9.52		ug/L		95	70 - 130
1,2-Dichlorobenzene	<0.50		10.0	9.64		ug/L		96	70 - 130
1,2-Dichloroethane	<0.50		10.0	10.5		ug/L		105	70 - 130
1,2-Dichloropropane	<0.25		10.0	10.2		ug/L		102	70 - 130
1,3,5-Trimethylbenzene	<0.50		10.0	9.59		ug/L		96	70 - 130
1,3-Dichlorobenzene	<0.50		10.0	9.68		ug/L		97	70 - 130
1,3-Dichloropropane	<0.50		10.0	9.84		ug/L		98	70 - 130
1,3-Dichloropropene, Total	<0.50		20.0	18.8		ug/L		94	70 - 130
1,4-Dichlorobenzene	<0.50		10.0	9.75		ug/L		97	70 - 130
2,2-Dichloropropane	<0.50		10.0	10.8		ug/L		108	70 - 130
2-Butanone (MEK)	<5.0		10.0	10.9		ug/L		109	70 - 130
2-Chlorotoluene	<0.50		10.0	9.52		ug/L		95	70 - 130
2-Hexanone	<5.0		10.0	8.68		ug/L		87	70 - 130
4-Isopropyltoluene	<0.50		10.0	10.5		ug/L		105	70 - 130
4-Methyl-2-pentanone (MIBK)	<2.0		10.0	9.33		ug/L		93	70 - 130
Acetone	<5.0		10.0	10.4		ug/L		104	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-255195-1 MS
Matrix: Water
Analysis Batch: 112651

Client Sample ID: RFW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.50		10.0	10.8		ug/L		108	70 - 130
Bromobenzene	<0.50		10.0	9.22		ug/L		92	70 - 130
Bromoform	<0.50		10.0	9.84		ug/L		98	70 - 130
Bromomethane	<0.50		10.0	10.2		ug/L		102	70 - 130
Carbon tetrachloride	<0.50		10.0	10.6		ug/L		106	70 - 130
Chlorobenzene	<0.50		10.0	9.38		ug/L		94	70 - 130
Chlorobromomethane	<0.50		10.0	10.7		ug/L		107	70 - 130
Chlorodibromomethane	<0.50		10.0	9.98		ug/L		100	70 - 130
Chloroethane	<0.50		10.0	10.6		ug/L		106	70 - 130
Chloroform	<0.50		10.0	10.9		ug/L		109	70 - 130
Chloromethane	<0.50		10.0	10.4		ug/L		104	70 - 130
cis-1,2-Dichloroethene	<0.50		10.0	10.8		ug/L		108	70 - 130
cis-1,3-Dichloropropene	<0.50		10.0	9.57		ug/L		96	70 - 130
Dibromomethane	<0.50		10.0	10.1		ug/L		101	70 - 130
Dichlorobromomethane	<0.50		10.0	10.4		ug/L		104	70 - 130
Dichlorodifluoromethane	<0.50		10.0	10.6		ug/L		106	70 - 130
Ethylene Dibromide	<0.20		10.0	9.77		ug/L		98	70 - 130
Freon 113	<0.50		10.0	11.0		ug/L		110	70 - 130
Hexachlorobutadiene	<0.25		10.0	10.0		ug/L		100	70 - 130
Methylene Chloride	<0.50		10.0	10.6		ug/L		106	70 - 130
Naphthalene	<0.50		10.0	8.79		ug/L		88	70 - 130
n-Butylbenzene	<0.50		10.0	10.3		ug/L		103	70 - 130
sec-Butylbenzene	<0.50		10.0	10.4		ug/L		104	70 - 130
Styrene	<0.50		10.0	9.23		ug/L		92	70 - 130
tert-Butylbenzene	<0.50		10.0	9.66		ug/L		97	70 - 130
Tetrachloroethene	<0.50		10.0	10.5		ug/L		105	70 - 130
Toluene	<0.50		10.0	10.1		ug/L		101	70 - 130
trans-1,2-Dichloroethene	<0.50		10.0	10.8		ug/L		108	70 - 130
trans-1,3-Dichloropropene	<0.50		10.0	9.25		ug/L		93	70 - 130
Trichloroethene	<0.50		10.0	10.0		ug/L		100	70 - 130
Trichlorofluoromethane	<0.50		10.0	11.1		ug/L		111	70 - 130
Vinyl chloride	<0.20		10.0	10.9		ug/L		109	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*113*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 810-112677/6
Matrix: Water
Analysis Batch: 112677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diisopropyl ether	<0.50		0.50	0.50	ug/L			08/29/24 16:18	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			08/29/24 16:18	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			08/29/24 16:18	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			08/29/24 16:18	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 810-112677/6
Matrix: Water
Analysis Batch: 112677

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	80		70 - 130		08/29/24 16:18	1
4-Bromofluorobenzene (Surr)	77		70 - 130		08/29/24 16:18	1

Lab Sample ID: 680-255195-2 MS
Matrix: Water
Analysis Batch: 112677

Client Sample ID: RFW-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diisopropyl ether	<0.50		10.0	9.67		ug/L		97	70 - 130
Tert-amyl methyl ether	<3.0		10.0	9.49		ug/L		95	70 - 130
tert-Butyl alcohol	<2.0		10.0	9.40		ug/L		94	60 - 130
Tert-butyl ethyl ether	<2.0		10.0	9.14		ug/L		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichlorobenzene-d4	94		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 810-113196/5
Matrix: Water
Analysis Batch: 113196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,1-Dichloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.30	ug/L			09/04/24 09:43	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.30	ug/L			09/04/24 09:43	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			09/04/24 09:43	1
1,2-Dichlorobenzene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,2-Dichloropropane	<0.25		0.25	0.10	ug/L			09/04/24 09:43	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
2-Butanone (MEK)	<5.0		5.0	1.9	ug/L			09/04/24 09:43	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
2-Hexanone	<5.0		5.0	1.4	ug/L			09/04/24 09:43	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 810-113196/5
Matrix: Water
Analysis Batch: 113196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.0	ug/L			09/04/24 09:43	1
Acetone	<5.0		5.0	2.3	ug/L			09/04/24 09:43	1
Benzene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Bromobenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Bromoform	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Bromomethane	<0.50		0.50	0.30	ug/L			09/04/24 09:43	1
Carbon tetrachloride	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Chlorobenzene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Chloroethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Chloroform	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Chloromethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
cis-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Dibromomethane	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Dichlorodifluoromethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			09/04/24 09:43	1
Ethylbenzene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Ethylene Dibromide	<0.20		0.20	0.10	ug/L			09/04/24 09:43	1
Freon 113	<0.50		0.50	0.30	ug/L			09/04/24 09:43	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			09/04/24 09:43	1
Isopropylbenzene	<0.25		0.25	0.20	ug/L			09/04/24 09:43	1
Methylene Chloride	<0.50		0.50	0.42	ug/L			09/04/24 09:43	1
m-Xylene & p-Xylene	<0.50		0.50	0.30	ug/L			09/04/24 09:43	1
Naphthalene	<0.50		0.50	0.40	ug/L			09/04/24 09:43	1
n-Butylbenzene	<0.50		0.50	0.30	ug/L			09/04/24 09:43	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
o-Xylene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Styrene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			09/04/24 09:43	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			09/04/24 09:43	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Toluene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
trans-1,3-Dichloropropene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Trichloroethene	<0.50		0.50	0.10	ug/L			09/04/24 09:43	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			09/04/24 09:43	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			09/04/24 09:43	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			09/04/24 09:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*88*		*70 - 130*		*09/04/24 09:43*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*09/04/24 09:43*	*1*

GC/MS VOA

Analysis Batch: 112651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-255195-1	RFW-20	Total/NA	Water	524.2	
680-255195-2	RFW-21	Total/NA	Water	524.2	
680-255195-3	HAMP-22	Total/NA	Water	524.2	
680-255195-4	HAMP-23	Total/NA	Water	524.2	
680-255195-5	Trip Blank	Total/NA	Water	524.2	
MB 810-112651/6	Method Blank	Total/NA	Water	524.2	
680-255195-1 MS	RFW-20	Total/NA	Water	524.2	

Analysis Batch: 112677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-255195-1	RFW-20	Total/NA	Water	524.2	
680-255195-2	RFW-21	Total/NA	Water	524.2	
680-255195-3	HAMP-22	Total/NA	Water	524.2	
680-255195-4	HAMP-23	Total/NA	Water	524.2	
680-255195-5	Trip Blank	Total/NA	Water	524.2	
MB 810-112677/6	Method Blank	Total/NA	Water	524.2	
680-255195-2 MS	RFW-21	Total/NA	Water	524.2	

Analysis Batch: 113196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-255195-1	RFW-20	Total/NA	Water	524.2	
680-255195-2	RFW-21	Total/NA	Water	524.2	
680-255195-3	HAMP-22	Total/NA	Water	524.2	
680-255195-4	HAMP-23	Total/NA	Water	524.2	
680-255195-5	Trip Blank	Total/NA	Water	524.2	
MB 810-113196/5	Method Blank	Total/NA	Water	524.2	

Client Sample ID: RFW-20

Date Collected: 08/24/24 08:20
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	113196	09/04/24 10:24	EM	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112651	08/29/24 19:22	DC	EA SB
	Instrument ID: GCMS-IC									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112677	08/29/24 19:22	DC	EA SB
	Instrument ID: GCMS-IC									

Client Sample ID: RFW-21

Date Collected: 08/24/24 07:30
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	113196	09/04/24 10:47	EM	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112651	08/29/24 19:46	DC	EA SB
	Instrument ID: GCMS-IC									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112677	08/29/24 19:46	DC	EA SB
	Instrument ID: GCMS-IC									

Client Sample ID: HAMP-22

Date Collected: 08/22/24 09:30
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	113196	09/04/24 11:10	EM	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112651	08/29/24 20:10	DC	EA SB
	Instrument ID: GCMS-IC									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112677	08/29/24 20:10	DC	EA SB
	Instrument ID: GCMS-IC									

Client Sample ID: HAMP-23

Date Collected: 08/22/24 09:35
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	113196	09/04/24 11:33	EM	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112651	08/29/24 20:34	DC	EA SB
	Instrument ID: GCMS-IC									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112677	08/29/24 20:34	DC	EA SB
	Instrument ID: GCMS-IC									

Client Sample ID: Trip Blank
Date Collected: 08/22/24 09:00
Date Received: 08/27/24 09:57

Lab Sample ID: 680-255195-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	113196	09/04/24 11:56	EM	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112651	08/29/24 20:58	DC	EA SB
	Instrument ID: GCMS-IC									
Total/NA	Analysis	524.2		1	5 mL	5 mL	112677	08/29/24 20:58	DC	EA SB
	Instrument ID: GCMS-IC									

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

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Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler:	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 680-157343-56313.1
Client Contact: Greg Flasinski	Phone:	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Weston Solutions Inc	PWSID			Job #:
Address: 1400 Weston Way PO BOX 2653	Due Date Requested:			
City: West Chester	TAT Requested (days):			
State, Zip: PA, 19380	Compliance Project: Δ Yes Δ No			
Phone: 610-701-3779(Tel)	PO #: 0111380			
Email: greg.flasinski@westonsolutions.com	WO #: 02501.004.007.0001			
Project Name: Black & Decker Quarterly - Q 2024	Project #: 68002345			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Pres_PREC - 524.2 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
RFW-20	8/24/24	820	G	Water			3		
RFW-21	8/24/24	730	G	Water			3		
HAMP-22	8/23/24	930	G	Water			3		
HAMP-23	8/23/24	935	G	Water			3		
Trip Blank	8/23/24	900	G	Water			2		
				Water					

680-255195 Chain of Custody

24-ATLANTA

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	8/26/24 1600	Weston	[signature]	8/27/24 957	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8/2.8

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 680-780846.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Maryland	Page: Page 1 of 1
Company: Eurofins Eaton Analytical		Accreditations Required (See note): State Program - Maryland		Job #: 680-255195-1
Address: 110 S Hill Street, ,	Due Date Requested: 9/9/2024	Analysis Requested		Preservation Codes:
City: South Bend	TAT Requested (days):			
State, Zip: IN, 46617	PO #:			
Phone: 574-233-4777(Tel) 574-233-8207(Fax)	WO #:			
Email:	Project #: 68002345			Other:
Project Name: Black & Decker Quarterly - 3Q2024	SSOW#:			
Site:				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Pres._PREC/ 524.2 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RFW-20 (680-255195-1)	8/24/24	08:20 Eastern	G	Water			X	3	
RFW-21 (680-255195-2)	8/24/24	07:30 Eastern	G	Water			X	3	
HAMP-22 (680-255195-3)	8/22/24	09:30 Eastern	G	Water			X	3	
HAMP-23 (680-255195-4)	8/22/24	09:35 Eastern	G	Water			X	3	
Trip Blank (680-255195-5)	8/22/24	09:00 Eastern	G	Water			X	2	

Initial Temp: 0.0
Corrected Temp: 0.0°C
IR Gun #: 31

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/27/24 1310	Company: Eurofins	Received by:	Date/Time: 8/28/24 1000	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 680-255195-1

Login Number: 255195
List Number: 1
Creator: Faught, Timothy

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 680-255195-1

Login Number: 255195
List Number: 2
Creator: Trowbridge, Peyton

List Source: Eurofins Eaton Analytical South Bend
List Creation: 08/28/24 01:49 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: Black & Decker Quarterly - 3Q2024

Job ID: 680-255195-1

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-25
Alaska	State	IN00035	06-30-25
Arizona	State	AZ0432	07-26-25
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	02-28-25
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	06-30-25
Georgia (DW)	State	929	06-30-25
Guam	State	23-011R	07-15-25
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	12-31-24
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-19-24
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
Iowa	State	IA Lab #098	11-01-25
Kansas	NELAP	E-10233	10-31-24
Kentucky (DW)	State	KY90056	12-31-24
Louisiana (DW)	State	LA014	12-31-24
Maine	State	IN00035	05-01-25
Maryland	State	209	06-30-25
Massachusetts	State	M-IN035	06-30-25
MI - RadChem Recognition	State	9926	03-22-25
Michigan	State	9926	03-22-25
Minnesota	NELAP	1989807	12-31-24
Mississippi	State	IN00035	06-30-25
Missouri	State	880	09-30-24
Montana (DW)	State	CERT0026	01-01-25
Nebraska	State	NE-OS-05-04	06-30-25
Nevada	State	IN000352024-01	07-31-25
New Hampshire	NELAP	2124	11-05-24
New Jersey	NELAP	IN598	06-30-25
New Mexico	State	IN00035	06-30-25
New York	NELAP	11398	04-01-25
North Carolina (DW)	State	18700	07-31-25
North Dakota	State	R-035	06-30-24 *
Northern Mariana Islands (DW)	State	IN00035	06-30-25
Ohio	State	87775	06-30-25
Oklahoma	NELAP	D9508	12-31-24
Oregon	NELAP	4156	09-16-24
Pennsylvania	NELAP	68-00466	04-30-25
Puerto Rico	State	IN00035	04-01-25
Rhode Island	State	LAO00343	12-30-24
South Carolina	State	95005001	06-30-24 *
South Dakota (DW)	State	IN00035	06-30-25
Tennessee	State	TN02973	06-30-25
Texas	NELAP	T104704187-22-16	12-31-24

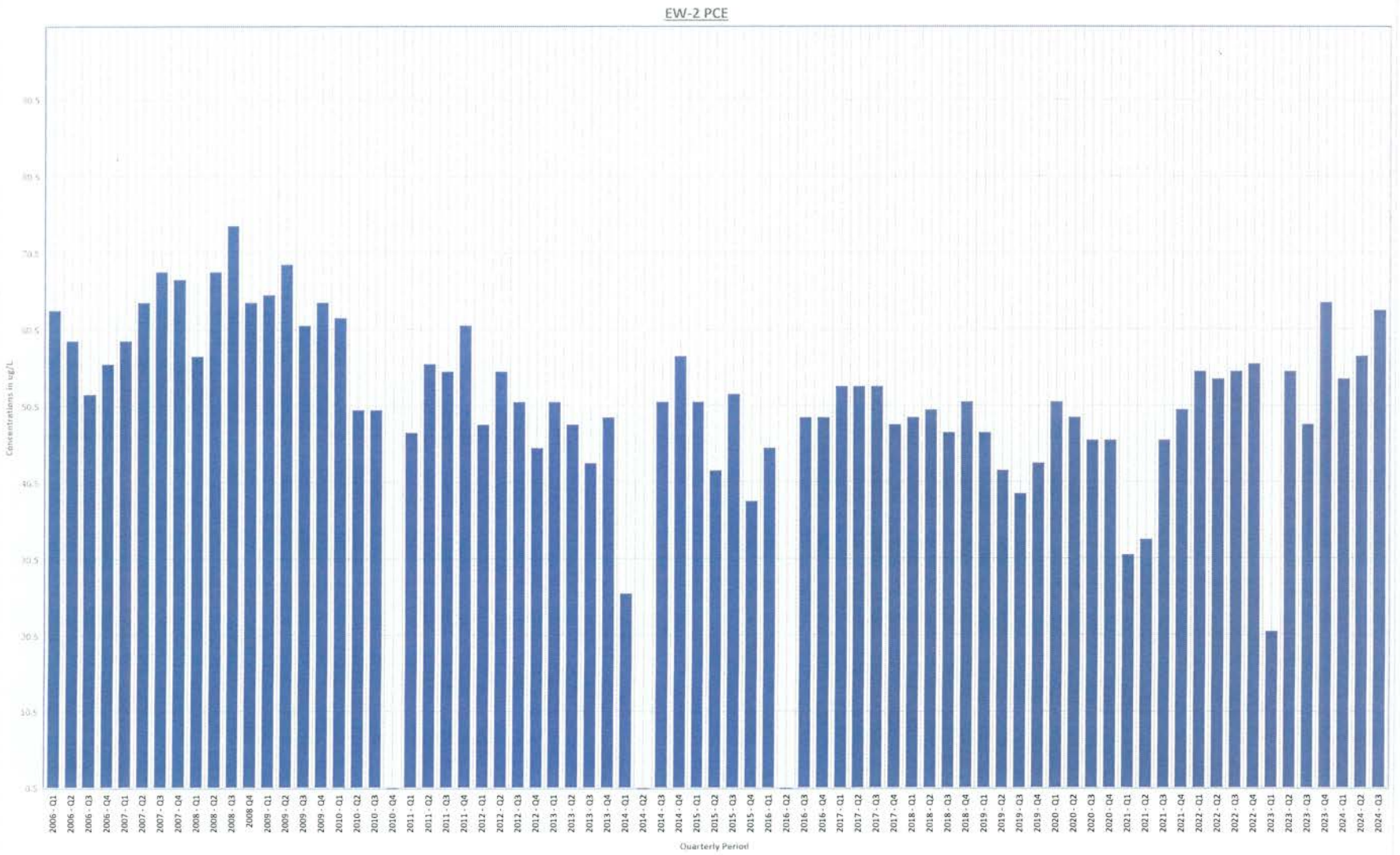
* Accreditation/Certification renewal pending - accreditation/certification considered valid.

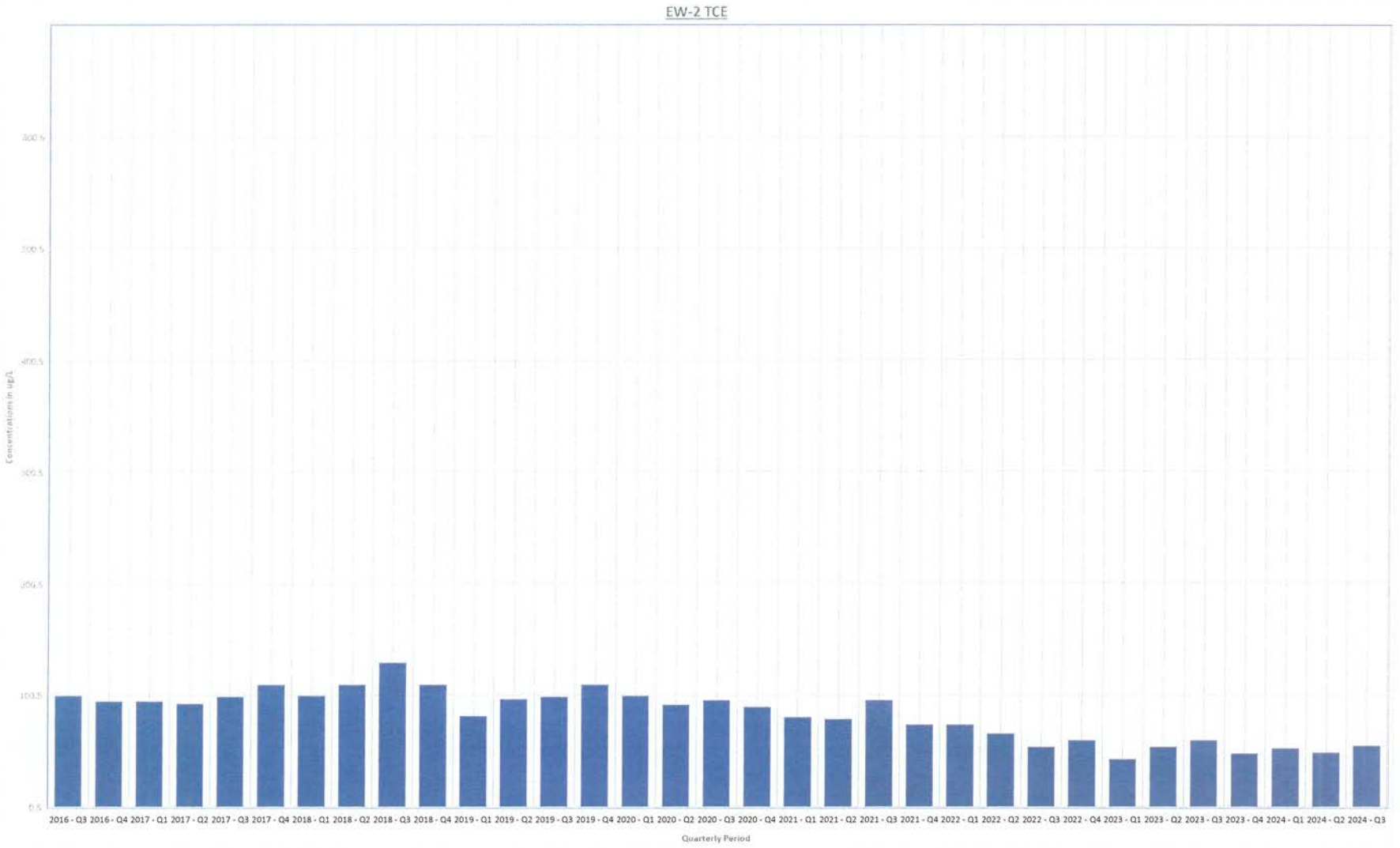
Laboratory: Eurofins Eaton Analytical South Bend (Continued)

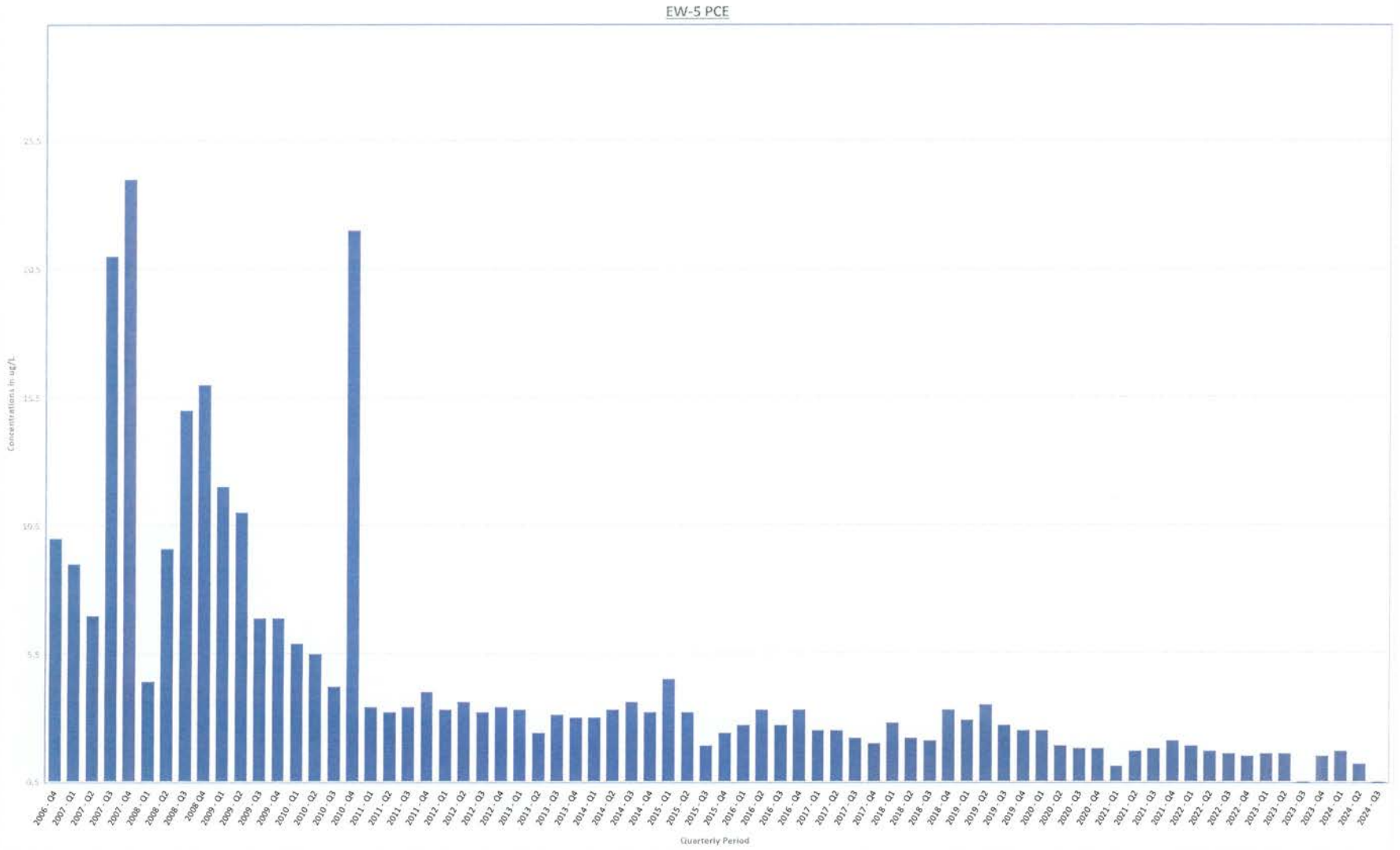
All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	TX207	06-30-25
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-25
Vermont	State	VT-8775	11-15-24
Virginia	NELAP	460275	03-14-25
Washington	State	C837	01-01-25
West Virginia (DW)	State	9927 C	01-31-25
Wisconsin (Micro)	State	10121	12-31-24
Wyoming	State	8TMS-L	06-30-25

APPENDIX E
TCE AND PCE HISTOGRAM GRAPHS FOR SELECT WELLS


EW-2 PCE
Concentrations in ug/L
Quarterly Period


EW-2 TCE
300.5
200.5
400.5
300.5
200.5
100.5
0.5
Concentrations in ug/L
2016 - Q3 2016 - Q4 2017 - Q1 2017 - Q2 2017 - Q3 2017 - Q4 2018 - Q1 2018 - Q2 2018 - Q3 2018 - Q4 2019 - Q1 2019 - Q2 2019 - Q3 2019 - Q4 2020 - Q1 2020 - Q2 2020 - Q3 2020 - Q4 2021 - Q1 2021 - Q2 2021 - Q3 2021 - Q4 2022 - Q1 2022 - Q2 2022 - Q3 2022 - Q4 2023 - Q1 2023 - Q2 2023 - Q3 2023 - Q4 2024 - Q1 2024 - Q2 2024 - Q3
Quarterly Period


EW-5 PCE
Concentrations in ug/L
25.5
20.5
15.5
10.5
5.5
Quarterly Period
2006 - Q4
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
2009 - Q2
2009 - Q3
2009 - Q4
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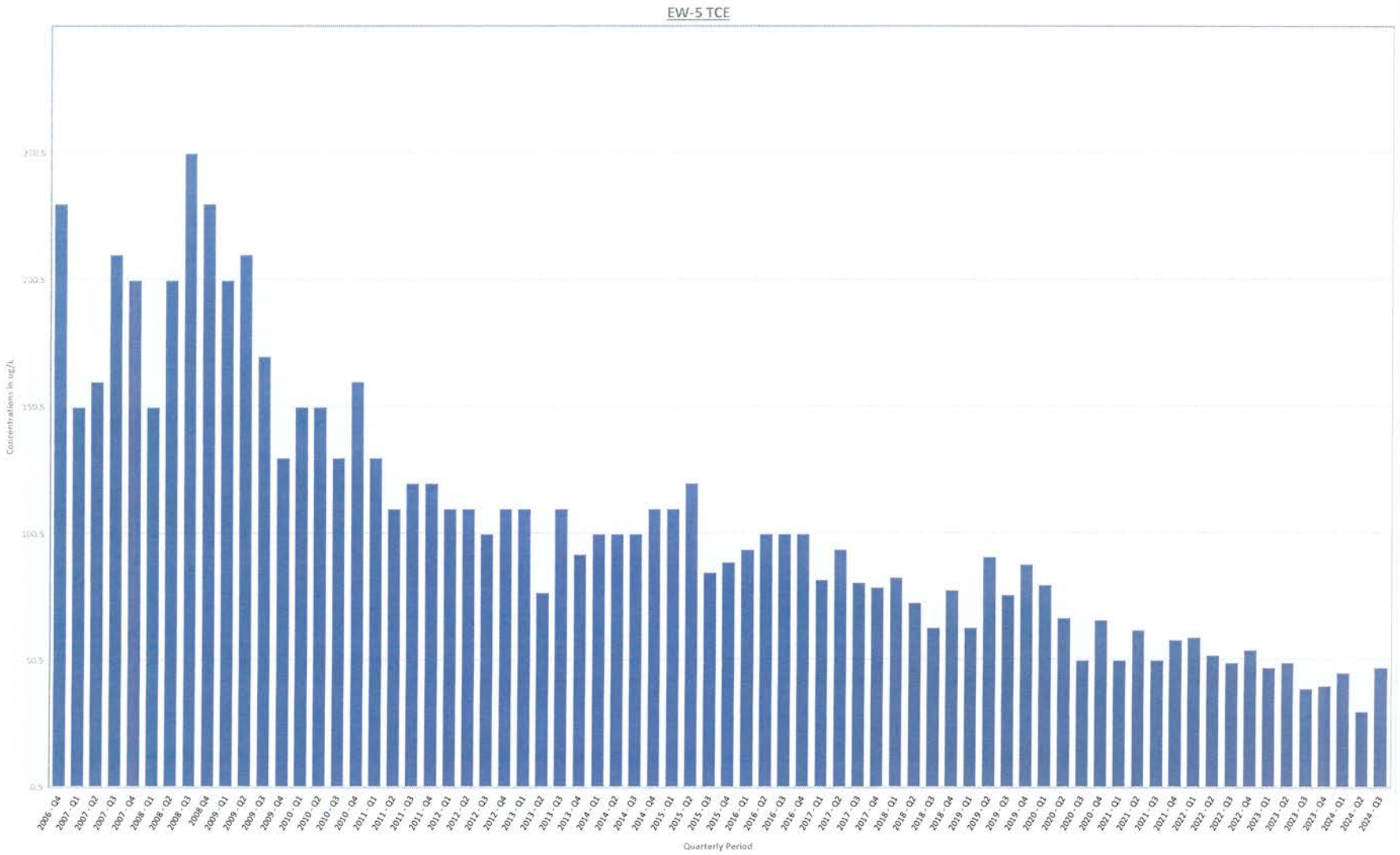
2024 - Q2
2024 - Q3


EW-5 TCE
Concentrations in ug/L
250.5
200.5
150.5
100.5
50.5
0.5
Quarterly Period
2006 - Q4
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
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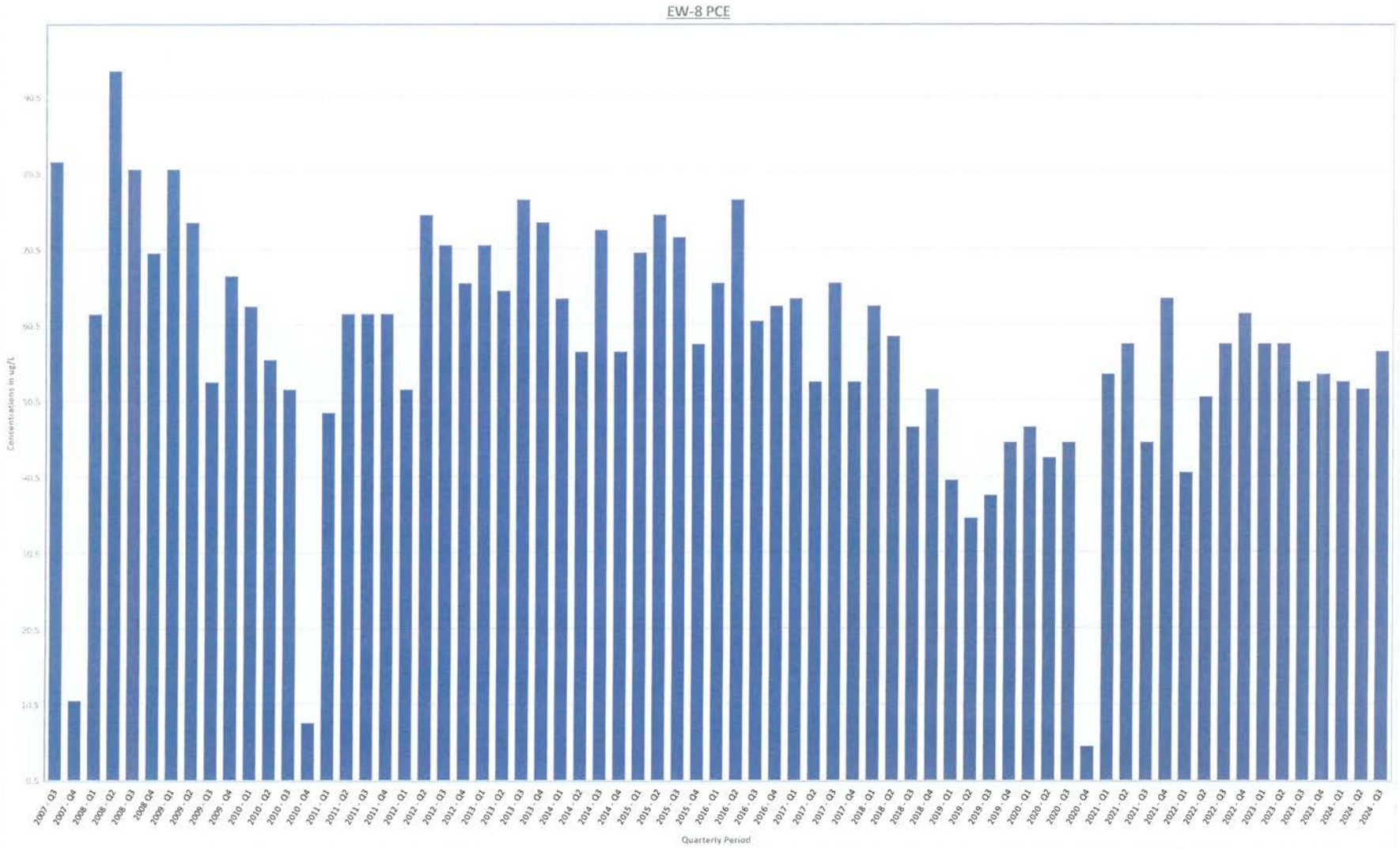
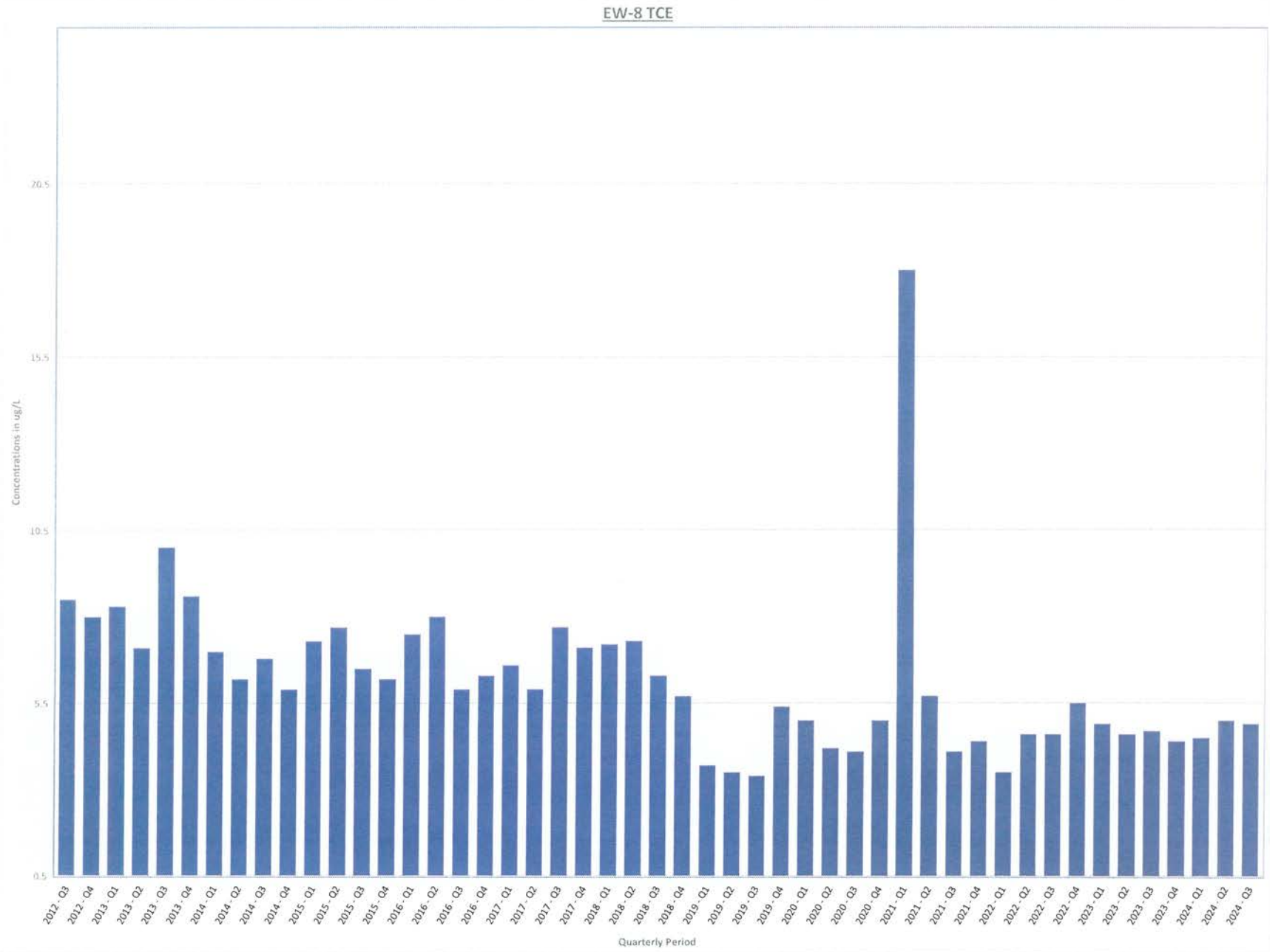
2024 - Q3


EW-8 PCE
Concentrations in ug/L
Quarterly Period


EW-8 TCE
20.5
15.5
10.5
5.5
0.5
Concentrations in ug/L
2012 - Q3
2012 - Q4
2013 - Q1
2013 - Q2
2013 - Q3
2013 - Q4
2014 - Q1
2014 - Q2
2014 - Q3
2014 - Q4
2015 - Q1
2015 - Q2
2015 - Q3
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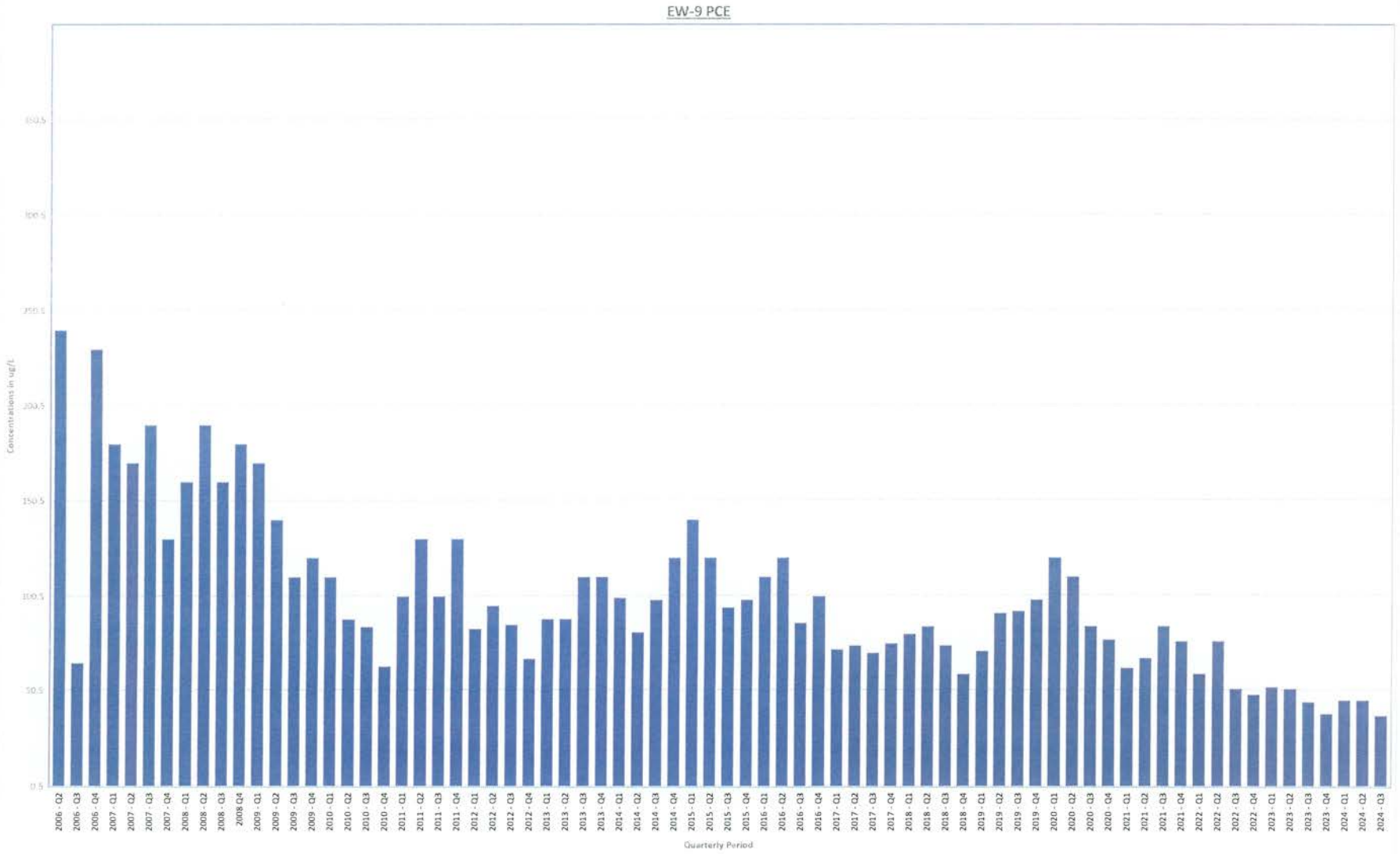
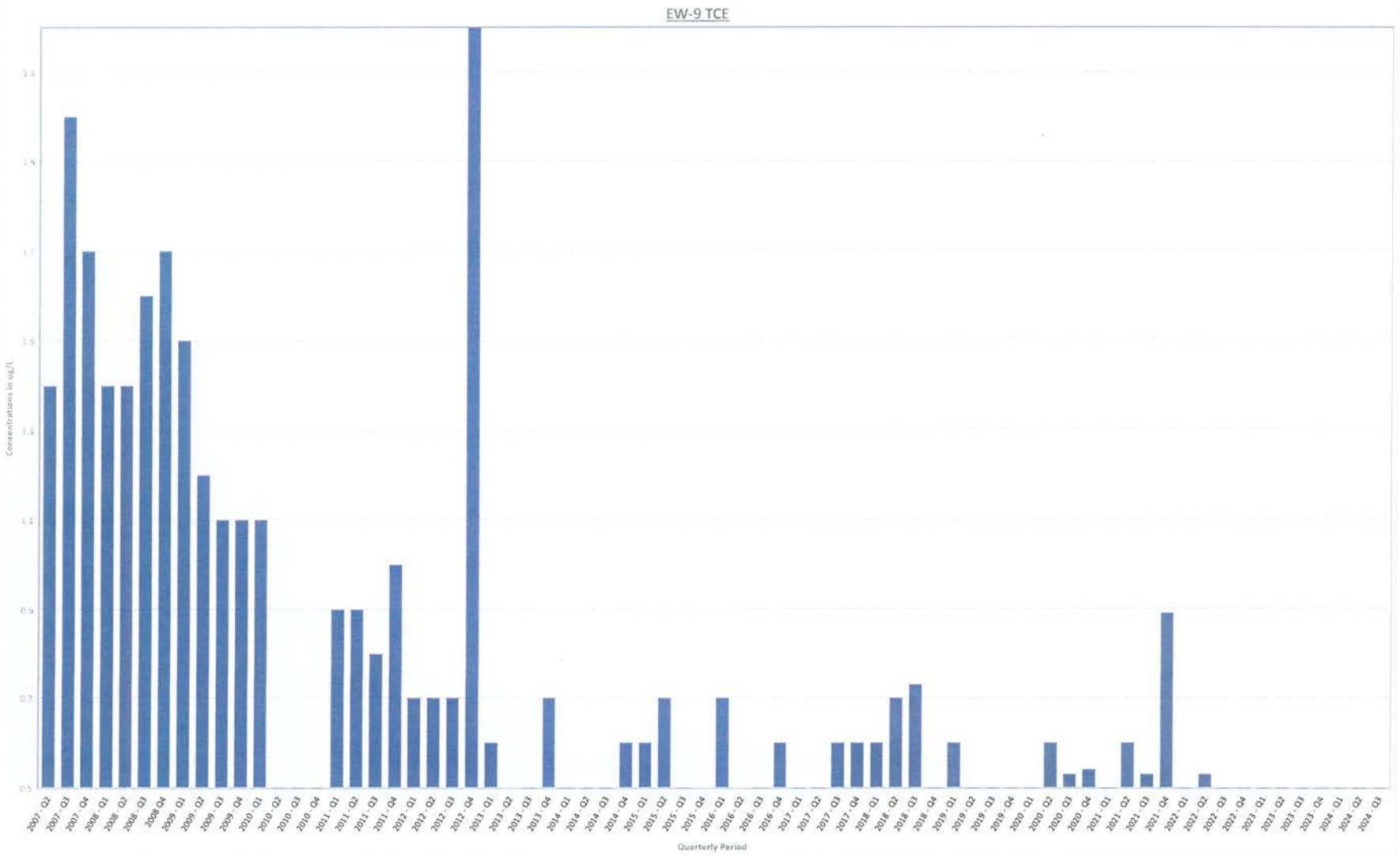
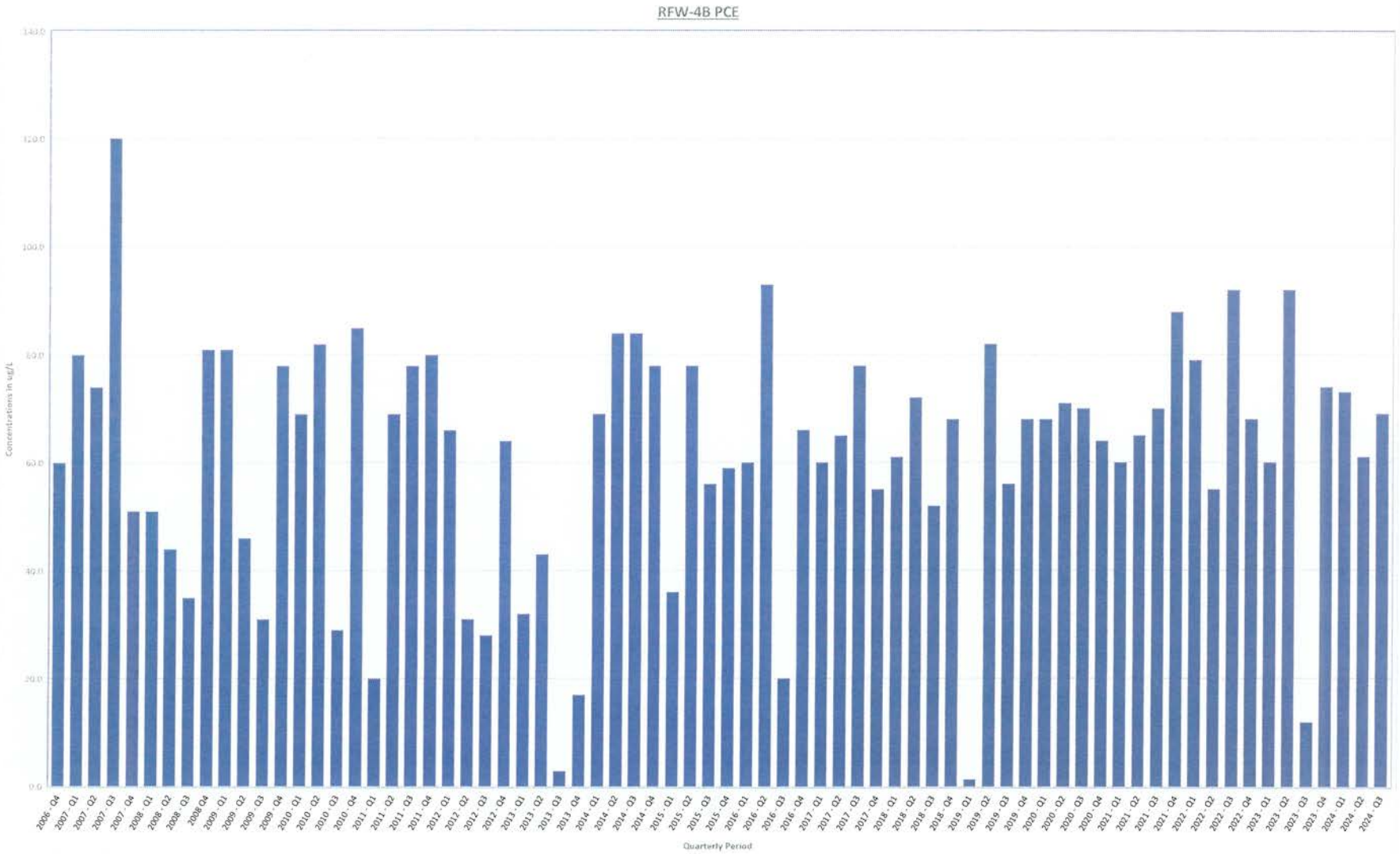
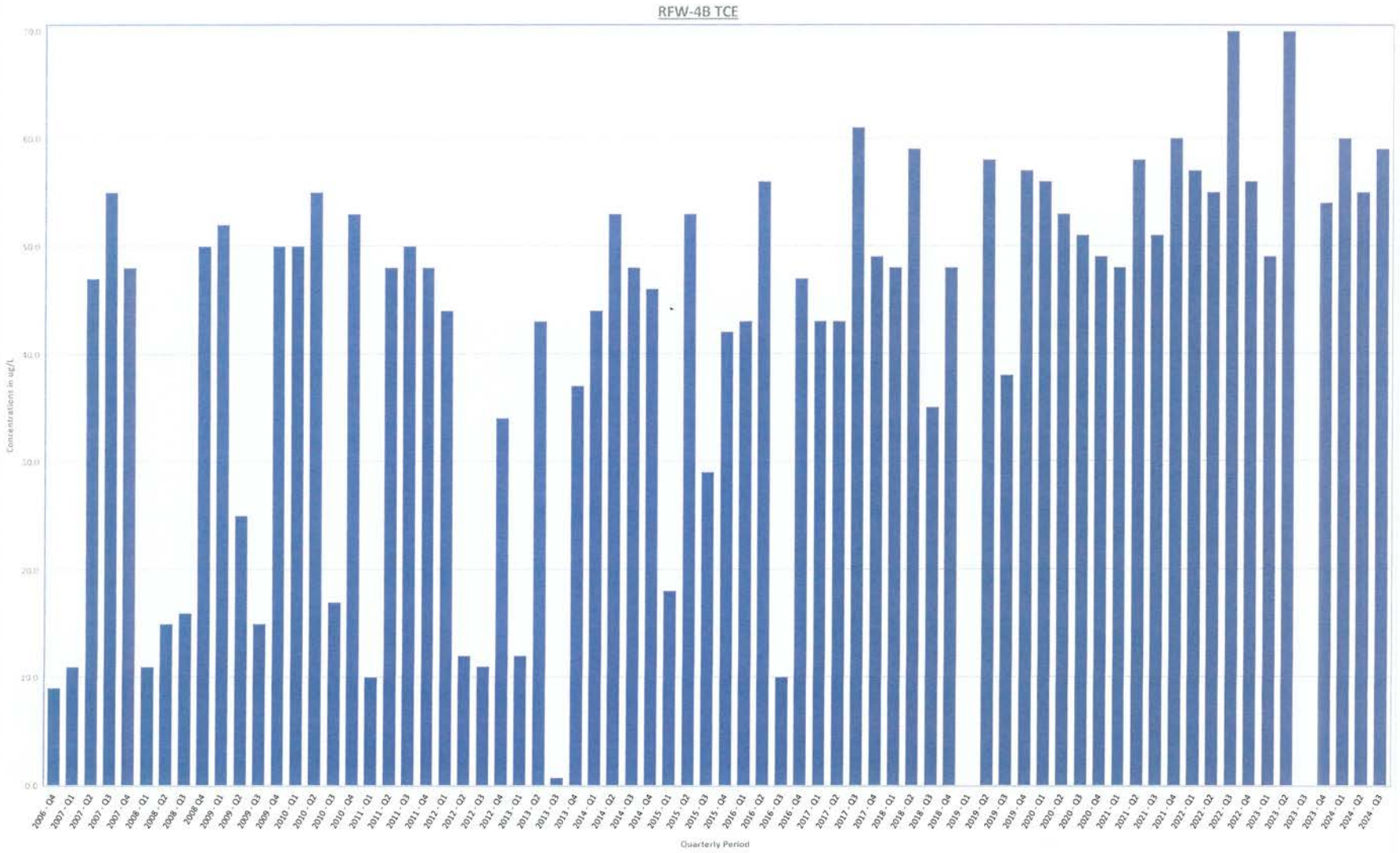
2022 - Q4
2023 - Q1
2023 - Q2
2023 - Q3
2023 - Q4
2024 - Q1
2024 - Q2
2024 - Q3
Quarterly Period


EW-9 PCE
Concentrations in ug/L
Quarterly Period


EW-9 TCE
Concentrations in ug/L
Quarterly Period


RFW-4B PCE
Concentrations in ug/L
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
Quarterly Period


RFW-4B TCE
Concentrations in ug/L
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
Quarterly Period
2006 - Q4
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
2009 - Q2
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