Quarterly Groundwater Monitoring Report

Prepared for

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

Hampstead, Maryland

April 2024

Prepared by

WESTON SOLUTIONS, INC.

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 January through March 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)
January 2024	5,533,726
February 2024	5,191,507
March 2024	5,979,041

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 March groundwater levels is provided as Figure 2-1. For the reporting period of January through March 2024, the extraction wells were pumping at an average combined rate of approximately 169 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 January through March 2024 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of January through March 2024, approximately 5.3 pounds of total volatile organic compounds (VOCs) were removed from the groundwater by the extraction and treatment system. In general, the total VOCs removed from the groundwater were comprised primarily of tetrachloroethene (PCE) (52%), trichloroethene (TCE) (35%) and 1,2-Dichloroethene (total) (1,2-DCE) (13%). Analytical results of the groundwater collected from the air stripper for the period of January through March 2024 are included in Appendix C.

A summary of the analytical results from the first quarter (February 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 110 micrograms per liter (ug/L) and 73 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 25 ug/L, which did not exceed the MCL for 1,2-DCE of 70 ug/L.

Methylene Chloride was detected in the trip blank, and all samples run by the 8260D method. Methylene Chloride is not an analyte associated with the site. As noted in the laboratory report, Methylene Chloride is a known lab contaminant; therefore, all low level detects for this compound are considered to be from lab contamination.

Methyl Ethyl Ketone (MEK) was detected in 3 samples, but not detected in the trip blank. The highest concentration was found in RFW-3B at 51 mg/L. MEK is an analyte which has not been historically associated with this site. There is no MCL for MEK.

Acetone was detected in 4 samples, but not detected in the trip blank. The highest concentration was found in RFW-3B at 120 mg/L. 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 - 1st Quarter 2024
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	1/15/2024		2/17/2024		3/24/2024	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	91.50	757.71	92.30	756.91	91.50	757.71
EW-3	846.64	118	94.50	752.14	94.00	752.64	94.50	752.14
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	89.75	774.42	90.50	773.67	91.25	772.92
EW-6	831.98	115	90.00	741.98	90.30	741.68	89.75	742.23
EW-7	818.38	78	72.31	746.07	80.93	737.45	81.41	736.97
EW-8	811.13	98	94.30	716.83	93.00	718.13	92.50	718.63
EW-9	811.35	141	100.50	710.85	101.00	710.35	101.00	710.35
EW-10	807.74	INA	55.32	752.42	56.15	751.59	55.75	751.99
RFW-1A	864.37	78	53.25	811.12	54.59	809.78	54.62	809.75
RFW-1B	864.23	200	53.28	810.95	54.64	809.59	54.66	809.57
RFW-2A	857.41	35	16.31	841.10	16.92	840.49	17.14	840.27
RFW-2B	857.73	75	16.80	840.93	17.26	840.47	17.50	840.23
RFW-3B	839.21	153	35.96	803.25	37.95	801.26	37.80	801.41
RFW-4A	830.37	62	38.53	791.84	39.33	791.04	38.94	791.43
RFW-4B	830.37	120	38.44	791.93	39.23	791.14	38.89	791.48
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	5.14	779.90	4.63	780.41	3.72	781.32
RFW-7	805.14	29	6.26	798.88	6.71	798.43	7.04	798.10
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.02	835.00	27.65	834.37	27.72	834.30
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	64.17	785.45	68.59	781.03	68.73	780.89
RFW-12B	844.87	264	50.88	793.99	54.71	790.16	55.06	789.81
RFW-13	849.11	150	65.26	783.85	67.98	781.13	67.80	781.31
RFW-14B	812.39	281	55.11	757.28	56.02	756.37	56.26	756.13
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	29.48	805.18	30.08	804.58	30.22	804.44
RFW-20	842.49	142	38.33	804.16	37.48	805.01	37.44	805.05
RFW-21	832.65	102	26.01	806.64	24.39	808.26	24.47	808.18
PH-7	805.94	89	29.63	776.31	33.06	772.88	32.84	773.10
PH-9	814.94	98	42.94	772.00	41.78	773.16	41.48	773.46
PH-11	820.68	78	44.26	776.42	45.36	775.32	45.19	775.49
PH-12	828.35	87	39.02	789.33	34.22	794.13	34.01	794.34
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	0.94	804.02	1.23	803.73	0.73	804.23
Pembroke #1	INA	INA	11.07	NC	10.99	NC	11.26	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	10.94	NC	11.03	NC	11.26	NC
E. Century St.	INA	INA	13.73	NC	14.26	NC	14.31	NC
Lwr. Beckleys. Rd.	INA	INA	56.14	NC	57.21	NC	56.88	NC

NA - Not Available/Not Accessible

NC - Not Calculable

INA - Information not available

PC - Pump Cycles

Extraction Well ID	Flow Rate* (gpm)
EW-02	22
EW-03	26
EW-04	7
EW-05	17
EW-06	19
EW-07	21
EW-08	19
EW-09	15
EW-10	27

* Flow rates meausred on 3/24/2024.

RFW-2A (840.27)
RFW-1A (809.75)
RFW-1B (809.57)
RFW-2B (840.23)
RFW-8 (DRY)
EW-5 (772.92)
RFW-16 (DRY)
RFW-10 (DRY)
RFW-21 (808.18)
EW-4 (NC - CYCLING)
RFW-9 (834.30)
RFW-20 (805.05)
RFW-11B (780.89)
RFW-3B (801.41)
EW-3 (752.14)
EW-10 (751.99)
EW-2 (757.71)
PH-7 (773.10)
RFW-17 (804.44)
EW-9 (710.35)
EW-1 (DRY)
RFW-12B (789.81)
EW-8 (718.63)
RFW-13 (781.31)
PH-9 (773.46)
EW-6 (742.23)
RFW-4B (791.48)
EW-7 (736.97)
RFW-4A (791.43)
PH-12 (794.34)
PH-11 (775.49)
RFW-6 (781.32)
RFW-7 (798.10)

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.

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Legend

- Extraction Well Location (EW)
- Monitoring Well (RFW) / Piezometer Location (PH)
- Groundwater Elevation Contour (contour interval: 5 ft)
- (808.18) Monitoring Well/Piezometer Groundwater Elevation (ft MSL)
- (772.92) 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
24 March 2024

Former Black and Decker Facility
Hampstead, Maryland

Table 2-3
Effluent Characteristics Summary - 1st Quarter 2024
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	Discharge Monitoring Report Date		
					January 2024	February 2024	March 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	0.327	0.313	0.321
		maximum	MGD	NA	0.475	0.393	0.452
	TEMPERATURE	average	°F	NA	CM	CM	CM
	(required May- Sept)	maximum	°F	NA	CM	CM	CM
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	0.219	0.207	0.184
		maximum	MGD	NA	0.377	0.222	0.242
	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.

CM - Conditional Monitoring, not required this period

Table 2-4
Summary of Groundwater Analytical Results - 1st 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	4.2 JB	4.3 JB	4.2 JB	4.4 JB	4.3 JB	4.4 JB	4.2 JB	3.9 JB	3.8 JB	3.9 JB
Acetone	ug/L	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.4 J
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	0.67 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	1.8	1.5	0.99 J	1 U	1 U	4.9	25	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	53	18	26	45	2.5	2.8	4.5	0.35 J	0.41 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-1,3-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	54	0.75 J	7.3	1.7	6	9.2	53	45	43	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	0.5 U	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 - 1st 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	4.5 JB	4.5 JB	4.4 JB	4.5 JB	4.4 JB	4.4 JB	4.4 JB	4.6 JB	NS	4.5 JB	4.3 JB	NS	4.2 JB	NS
Acetone	ug/L	10 U	10 U	95	92	120	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	0.46 J	0.47 J	2.7	NS	1 U	1 U	NS	12	NS
Chloroform	ug/L	2 U	2 U	2 U	2 U	2 U	0.45 J	0.47 J	1.2 J	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	39	35	51	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	0.25 J	0.5 U	0.5 U	19	19	60	NS	0.5 U	0.5 U	NS	5.4	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-1,3-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	8.7	8.8	73	NS	1 U	1 U	NS	3.8	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	0.16 J	0.15 J	0.17 J	0.5 U	0.5 U	0.50 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 - 1st 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	0.2 J	0.24 J	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	4.3 JB	4.4 JB	4.2 JB	NS	4.1 JB	ABD	ABD	ABD	4.2 JB	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	4.4 J
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	2.3	8.7	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	0.53	110	2.5	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-1,3-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	7	8.3	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	1.2	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	0.65 J	2 U	2 U	2 U	3.1
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 (January through March 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
January	Power outage onsite, the system was reset and is back online.
February	Power was lost to the air stripper due to a bad power line conditioner. Microtech was onsite and bypassed the power line conditioner to resupply power to the air stripper. The air stripper was down for 1 hour and 30 minutes, the air stripper is back online.

4. CONCLUSIONS AND RECOMMENDATIONS

For the reporting period of January through March 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 of groundwater levels and perform a quarterly groundwater sampling event.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(JANUARY-MARCH 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, Chris Dallas 6202, Dortance Jones 0763, Dwight Smith 1362

Superintendent: David Coale Certification # 1662

Month: January

Year: 2024

Final Effluent outfall 001																Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	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	0.30500														0.000000		0"	0.0	0.0	0.0				0.162715	C. Dallas
2	Clear	0.37400														0.000000		0"	0.0	0.0	0.0				0.191916	G. Scheller
3	Clear	0.32500														0.000000		0"	0.0	0.0	0.0				0.168879	G. Scheller
4	Clear	0.27400														0.000000		0"	0.0	0.0	0.0	<0.5	<0.5	<0.5	0.141945	G. Scheller
5	Clear	0.33000														0.000000		0"	0.0	0.0	0.0				0.171876	G. Scheller
6	Clear	0.29300														0.000000		0"	0.0	0.0	0.0				0.154938	D.Jones
7	Clear	0.47500														0.000000		0"	0.0	0.0	0.0				0.204646	D.Jones
8	Clear	0.30200														0.000000		0"	0.0	0.0	0.0				0.194595	G. Scheller
9	Clear	0.39200														0.000000		0"	0.0	0.0	0.0				0.175579	G. Scheller
10	Clear	0.43000														0.000000		0"	0.0	0.0	0.0				0.134786	G. Scheller
11	Clear	0.46600														0.000000		0"	0.0	0.0	0.0				0.202257	D.Smith
12	Clear	0.30600														0.000000		0"	0.0	0.0	0.0				0.180696	D.Smith
13	Clear	0.35300														0.000000		0"	0.0	0.0	0.0				0.199181	G. Scheller
14	Clear	0.37500														0.000000		0"	0.0	0.0	0.0				0.180078	G. Scheller
15	Clear	0.21100														0.000000		0"	0.0	0.0	0.0				0.140483	G. Scheller
16	Clear	0.31500														0.000000		0"	0.0	0.0	0.0				0.171831	G. Scheller
17	Clear	0.32500														0.000000		0"	0.0	0.0	0.0				0.177191	G. Scheller
18	Clear	0.34100														0.000000		0"	0.0	0.0	0.0				0.224064	G. Scheller
19	Clear	0.32960														0.000000		0"	0.0	0.0	0.0				0.140609	G. Scheller
20	Clear	0.36700														0.000000		0"	0.0	0.0	0.0				0.198618	D.Smith
21	Clear	0.25800														0.000000		0"	0.0	0.0	0.0				0.181684	D.Smith
22	Clear	0.34500														0.000000		0"	0.0	0.0	0.0				0.199878	G. Scheller
23	Clear	0.26900														0.000000		0"	0.0	0.0	0.0				0.147993	G. Scheller
24	Clear	0.31900														0.000000		0"	0.0	0.0	0.0				0.182407	G. Scheller
25	Clear	0.35800														0.000000		0"	0.0	0.0	0.0				0.211026	G. Scheller
26	Clear	0.22100														0.000000		0"	0.0	0.0	0.0				0.139636	G. Scheller
27	Clear	0.32300														0.000000		0"	0.0	0.0	0.0				0.208802	D.Jones
28	Clear	0.31400														0.000000		0"	0.0	0.0	0.0				0.171050	D.Jones
29	Clear	0.28000														0.000000		0"	0.0	0.0	0.0				0.206828	G. Scheller
30	Clear	0.27400														0.000000		0"	0.0	0.0	0.0				0.144121	G. Scheller
31	Clear	0.29300														0.000000		0"	0.0	0.0	0.0				0.223418	G. Scheller
Total		10.14260														0.000000									5.533726	
Average		0.32718		#####	#DIV/0!	#DIV/0!	#DIV/0!	####	####	####	####	####	####	####	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.178507	
Minimum		0.21100	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	0.134786	MOR
Maximum		0.47500	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	0.224064	2/26/2024

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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: February

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	BOD5 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	0.34700														0.000000		0"	0.0	0.0	0.0				0.167860	D.Smith
2	Clear	0.28500														0.000000		0"	0.0	0.0	0.0				0.178235	D.Smith
3	Clear	0.33000														0.000000		0"	0.0	0.0	0.0				0.195655	G. Scheller
4	Clear	0.28600														0.000000		0"	0.0	0.0	0.0				0.184057	G. Scheller
5	Clear	0.27100														0.000000		0"	0.0	0.0	0.0				0.181332	G. Scheller
6	Clear	0.30000														0.000000		0"	0.0	0.0	0.0				0.146674	G. Scheller
7	Clear	0.33600														0.000000		0"	0.0	0.0	0.0				0.223593	G. Scheller
8	Clear	0.32600														0.000000		0"	0.0	0.0	0.0				0.151300	G. Scheller
9	Clear	0.37500														0.000000		0"	0.0	0.0	0.0				0.210694	G. Scheller
10	Clear	0.29300														0.000000		0"	0.0	0.0	0.0				0.166884	C. Dallas
11	Clear	0.32700														0.000000		0"	0.0	0.0	0.0				0.182374	C. Dallas
12	Clear	0.35400														0.000000		0"	0.0	0.0	0.0				0.200002	G. Scheller
13	Clear	0.31300														0.000000		0"	0.0	0.0	0.0				0.042976	G. Scheller
14	Clear	0.32500														0.000000		0"	0.0	0.0	0.0	<0.5	<0.5	<0.5	0.137679	G. Scheller
15	Clear	0.39300														0.000000		0"	0.0	0.0	0.0				0.221725	G. Scheller
16	Clear	0.27600														0.000000		0"	0.0	0.0	0.0				0.156011	G. Scheller
17	Clear	0.34900														0.000000		0"	0.0	0.0	0.0				0.197600	D.Smith
18	Clear	0.32100														0.000000		0"	0.0	0.0	0.0				0.186096	D.Smith
19	Clear	0.29700														0.000000		0"	0.0	0.0	0.0				0.175444	G. Scheller
20	Clear	0.31200														0.000000		0"	0.0	0.0	0.0				0.196575	D.Jones
21	Clear	0.32000														0.000000		0"	0.0	0.0	0.0				0.209679	G. Scheller
22	Clear	0.24600														0.000000		0"	0.0	0.0	0.0				0.155456	G. Scheller
23	Clear	0.33600														0.000000		0"	0.0	0.0	0.0				0.216984	G. Scheller
24	Clear	0.26500														0.000000		0"	0.0	0.0	0.0				0.171085	D.Jones
25	Clear	0.24400														0.000000		0"	0.0	0.0	0.0				0.156885	D.Jones
26	Clear	0.32200														0.000000		0"	0.0	0.0	0.0				0.205713	G. Scheller
27	Clear	0.30600														0.000000		0"	0.0	0.0	0.0				0.217965	G. Scheller
28	Clear	0.30600														0.000000		0"	0.0	0.0	0.0				0.157525	G. Scheller
29	Clear	0.31300														0.000000		0"	0.0	0.0	0.0				0.197449	D.Smith
30																										
31																										
Total		9.07400														0.000000									5.191507	
Average		0.31290		#####	#DIV/0!	#DIV/0!	#DIV/0!	####	####	####	####	####	####	####	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.179017	
Minimum		0.24400	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	0.042976	MOR
Maximum		0.39300	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	0.223593	3/25/2024

ENT ADMINISTRATION, 1800 WASHINGTON BLVD. BALTIMORE, MD 21230

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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: March

Year: 2024

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	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	0.30700														0.000000		0"	0.0	0.0	0.0				0.194398	DS
2	Clear	0.32100														0.000000		0"	0.0	0.0	0.0				0.206285	GS
3	Clear	0.32300														0.000000		0"	0.0	0.0	0.0				0.189124	GS
4	Clear	0.22800														0.000000		0"	0.0	0.0	0.0				0.147167	GS
5	Clear	0.34200														0.000000		0"	0.0	0.0	0.0				0.236838	GS
6	Clear	0.21200														0.000000		0"	0.0	0.0	0.0				0.152439	GS
7	Clear	0.32100														0.000000		0"	0.0	0.0	0.0				0.235788	GS
8	Clear	0.26900														0.000000		0"	0.0	0.0	0.0				0.191605	GS
9	Clear	0.24300														0.000000		0"	0.0	0.0	0.0				0.176598	DS
10	Clear	0.29800														0.000000		0"	0.0	0.0	0.0				0.187224	DS
11	Clear	0.30000														0.000000		0"	0.0	0.0	0.0				0.221162	GS
12	Clear	0.21200														0.000000		0"	0.0	0.0	0.0				0.152917	GS
13	Clear	0.27200														0.000000		0"	0.0	0.0	0.0	<0.5	<0.5	<0.5	0.201354	GS
14	Clear	0.33100														0.000000		0"	0.0	0.0	0.0				0.241729	GS
15	Clear	0.26700														0.000000		0"	0.0	0.0	0.0				0.197515	GS
16	Clear	0.25300														0.000000		0"	0.0	0.0	0.0				0.188040	DJ
17	Clear	0.22000														0.000000		0"	0.0	0.0	0.0				0.157950	DJ
18	Clear	0.30700														0.000000		0"	0.0	0.0	0.0				0.211841	GS
19	Clear	0.38800														0.000000		0"	0.0	0.0	0.0				0.219329	GS
20	Clear	0.29600														0.000000		0"	0.0	0.0	0.0				0.155198	GS
21	Clear	0.39600														0.000000		0"	0.0	0.0	0.0				0.206096	DS
22	Clear	0.36600														0.000000		0"	0.0	0.0	0.0				0.193787	DS
23	Clear	0.39600														0.000000		0"	0.0	0.0	0.0				0.196703	GS
24	Clear	0.23500														0.000000		0"	0.0	0.0	0.0				0.209953	GS
25	Clear	0.37200														0.000000		0"	0.0	0.0	0.0				0.150286	GS
26	Clear	0.45200														0.000000		0"	0.0	0.0	0.0				0.230127	GS
27	Clear	0.38400														0.000000		0"	0.0	0.0	0.0				0.162629	GS
28	Clear	0.41600														0.000000		0"	0.0	0.0	0.0				0.195074	GS
29	Clear	0.41600														0.000000		0"	0.0	0.0	0.0				0.195074	GS
30	Clear	0.39400														0.000000		0"	0.0	0.0	0.0				0.180682	CD
31	Clear	0.40300														0.000000		0"	0.0	0.0	0.0				0.194129	CD
Total		9.94000														0.000000									5.979041	
Average		0.32065		#####	#DIV/0!	#DIV/0!	#DIV/0!	####	####	####	####	####	####	####	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.192872	
Minimum		0.21200	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	0.147167	MOR
Maximum		0.45200	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	0.241729	4/19/2024

APPENDIX B
DISCHARGE MONITORING REPORTS
(JANUARY-MARCH 2024)

DMR Copy of Record

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 01/01/24 to 01/31/24**	**DMR Due Date:**	**04/28/24**	**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

Attachments

Name	Type	Size
24BTRHampstead01.pdf	pdf	1271798 0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-02-26 12:08 (Time Zone: -05:00)

DMR Copy of Record

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 01/01/24 to 01/31/24**	**DMR Due Date:**	**02/28/24**	**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												15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX				
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3272	=	0.475	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

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
24BTRHampstead01.pdf	pdf	1271798.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-02-26 12:09 (Time Zone: -05:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-02-26 12:20 (Time Zone: -05:00)

DMR Copy of Record

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 01/01/24 to 01/31/24**	**DMR Due Date:**	**04/28/24**	**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

Name	Type	Size
24BTRHampstead01.pdf	pdf	1271798 0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-02-26 12:05 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-02-26 12:20 (Time Zone: -05:00)

DMR Copy of Record

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 01/01/24 to 01/31/24**	**DMR Due Date:**	**04/28/24**	**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						=	8.9					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.						>=	5.0 INST MIN					19 - mg/L	0	02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	10.0			26 - lb/d			=	4.0			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	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample	=	4.0			26 - lb/d			=	2.0			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	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.2			=	7.6	12 - SU		02/01 Twice Per Day	CA - CALCTD
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	29.0			26 - lb/d			=	11.0			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	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample			=	505.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample			=	505.0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	27397.0 CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample	=	18.0			26 - lb/d			=	9.0			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	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	6.16			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample			=	349.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample			=	349.0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample								=	4.06			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	2.8			26 - lb/d			=	1.6			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	21.0 MX DA AV			26 - lb/d			<=	4.1 MX DA AV			19 - mg/L	0	02/07 - Twice Every Week	CA - CALCTD

					Value NODI												
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample	=	0.3		26 - lb/d	=	0.2	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	9.0 MX MO AV		26 - lb/d	<=	1.8 MX MO AV	19 - mg/L	0	01/30 - Monthly	CA - CALCTD
					Value NODI										
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample					=	1.9	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.						Req Mon MO AVG	19 - mg/L	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	4.5		26 - lb/d	=	1.48	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	3	02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample			=	30.0	76 - lb/mo				01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo			0	01/30 - Monthly	CA - CALCTD
					Value NODI										
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample			=	30.0	50 - lb/yr				01/30 - Monthly	CA - CALCTD
					Permit Req.			<=	548.0 CUM TOTL	50 - lb/yr			0	01/30 - Monthly	CA - CALCTD
					Value NODI										
X 00665	Phosphorus, total [as P]	EG - Effluent Gross	0	--	Sample	=	1.3		26 - lb/d	=	0.52	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	0	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	0	02/07 - Twice Every Week	CA - CALCTD
					Value NODI										
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.219	-	0.377	03 - MGD				99/99 - Continuous	RF - RCDFLO
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD			0	99/99 - Continuous	RF - RCDFLO
					Value NODI										
51040	E. coli	1 - Effluent Gross	0	--	Sample						14.0	30 - MPN/100ml		01/07 - Weekly	GR - GRAB
					Permit Req.						<= 60.0 MO MAX	30 - MPN/100ml	0	01/07 - Weekly	GR - GRAB
					Value NODI										
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	6.804	80 - Mgal/mo				01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo			0	01/30 - Monthly	CA - CALCTD
					Value NODI										

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

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00665	Phosphorus, total [as P]	EG - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
24BTRHampstead01.pdf	pdf	1271798.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-02-26 12:17 (Time Zone: -05:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-02-26 12:20 (Time Zone: -05:00)

DMR Copy of Record

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 02/01/24 to 02/29/24**	**DMR Due Date:**	**04/28/24**	**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

Attachments

Name	Type	Size
24BTRHampstead02.pdf	pdf	1007584.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-03-26 10:39 (Time Zone: -04:00)

DMR Copy of Record

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 02/01/24 to 02/29/24**	**DMR Due Date:**	**03/28/24**	**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												15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.						Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX					
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3129	=	0.393	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

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
24BTRHampstead02.pdf	pdf	1007584.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-03-26 10:39 (Time Zone: -04:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-03-26 10:43 (Time Zone: -04:00)

DMR Copy of Record

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 02/01/24 to 02/29/24**	**DMR Due Date:**	**04/28/24**	**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

Name	Type	Size
24BTRHampstead02.pdf	pdf	1007584.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-03-26 10:39 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-03-26 10:43 (Time Zone: -04:00)

DMR Copy of Record

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 02/01/24 to 02/29/24	**DMR Due Date:**	04/28/24	**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						=	10.4					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	=	7.0			26 - lb/d			=	4.0			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	=	5.0			26 - lb/d			=	3.0			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						=	7.3			=	7.5	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			=	514.0	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	=	9.0			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								=	2.7			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															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample			=	135.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample			=	354.0	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								=	1.58			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	1	--	Sample	=	0.2			26 - lb/d			=	0.1			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	21.0 MX DA AV			26 - lb/d			<=	4.1 MX DA AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD

					Value NODI										
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample	=	0.0			26 - lb/d	=	0.0	19 - mg/L	01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	9.0 MX MO AV			26 - lb/d	<=	1.8 MX MO AV	19 - mg/L	01/30 - Monthly	CA - CALCTD
					Value NODI										
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample						=	1.11	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			=	8.0	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			=	30.0	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	=	0.15	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	=	0.207	=	0.222	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						=	3.0	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			=	6.009	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

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
24BTRHampstead02.pdf	pdf	1007584.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-03-26 10:42 (Time Zone: -04:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-03-26 10:43 (Time Zone: -04:00)

DMR Copy of Record

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 03/01/24 to 03/31/24	**DMR Due Date:**	04/28/24	**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

Attachments

Name	Type	Size
24BTRHampstead03.pdf	pdf	697612.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:04 (Time Zone: -04:00)

DMR Copy of Record

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 03/01/24 to 03/31/24	**DMR Due Date:**	04/28/24	**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							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.															
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.3206	=	0.452	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

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
24BTRHampstead03.pdf	pdf	697612.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:07 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:18 (Time Zone: -04:00)

DMR Copy of Record

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 03/01/24 to 03/31/24**	**DMR Due Date:**	**04/28/24**	**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

Name	Type	Size
24BTRHampstead03.pdf	pdf	697612.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:07 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:18 (Time Zone: -04:00)

DMR Copy of Record

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 03/01/24 to 03/31/24**	**DMR Due Date:**	**04/28/24**	**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	=	4.0			26 - lb/d			=	3.0			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	=	2.0			26 - lb/d			=	1.0			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						=	7.1			=	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	=	15.0			26 - lb/d			=	9.0			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			=	348.0	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			=	767.0	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	=	11.0			26 - lb/d			=	7.0			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								=	3.44			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															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample			=	184.0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample			=	490.0	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								=	1.1			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															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.2			26 - lb/d			=	0.1			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Permit Req.	<=	21.0 MX DA AV			26 - lb/d			<=	4.1 MX DA AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD

					Value NODI										
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample	=	0.0			26 - lb/d	=	0.0	19 - mg/L	01/30 - Monthly	CA - CALCTD
					Permit Req.	<=	9.0 MX MO AV			26 - lb/d	<=	1.8 MX MO AV	19 - mg/L	01/30 - Monthly	CA - CALCTD
					Value NODI										
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample						=	2.32	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			=	8.0	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			=	37.0	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	=	0.15	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	=	0.207	=	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						=	4.0	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			=	6.42	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

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
24BTRHampstead03.pdf	pdf	697612.0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-04-24 10:09 (Time Zone: -04:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2024-04-24 10:18 (Time Zone: -04:00)

DMR Copy of Record

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:	201 External Outfall	**Discharge:**	**201-A3** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 01/01/24 to 03/31/24**	**DMR Due Date:**	**04/28/24**	**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
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Sample						=	0 0	=	0 0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.								Req Mon MO AVG	<=	5 0	DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
74076	Flow	1 - Effluent Gross	0	--	Sample	=	0 1836	=	0 2417	03 - MGD									01/90 - Quarterly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	MS - MEASRD
					Value NODI															
76029	Organics, tot purgeables [Method 624]	1 - Effluent Gross	0	--	Sample						=	0 0	=	0 0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.								Req Mon MO AVG	<=	100 0	DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
78389	Tetrachloroethene	1 - Effluent Gross	0	--	Sample						=	0 0	=	0 0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.								Req Mon MO AVG	<=	5 0	DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
78391	Trichloroethene	1 - Effluent Gross	0	--	Sample						=	0 0	=	0 0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.								Req Mon MO AVG	<=	5 0	DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

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
24BTRHampstead03.pdf	pdf	697612 0

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:10 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2024-04-24 10:18 (Time Zone: -04:00)

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS (JANUARY-MARCH 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

Analytical Results Report For | Maryland Environmental Services - W/WW

Report ID 294498 on 1/12/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3339954**
Purchase Order:	**W/WW**	Workorder ID:	**HAMPSTEAD WWTP**

Enclosed are the analytical results for samples received by the laboratory on Thursday, January 04, 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 George Methlie (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.

George Methlie

George Methlie *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3339954001	BTR 201	Water	01/04/2024 09:05	01/04/2024 17:40	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	01/04/2024 09:05
Lab Sample ID	3339954001	Lab Receipt	01/04/2024 17:40

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	01/05/2024 12:27	ILY	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	01/05/2024 12:27	ILY	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	01/05/2024 12:27	ILY	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	117%	72 – 142	01/05/2024 12:27	
4-Bromofluorobenzene	460-00-4	97.4%	73 – 119	01/05/2024 12:27	
Dibromofluoromethane	1868-53-7	106%	74 – 132	01/05/2024 12:27	
Toluene-d8	2037-26-5	114%	75 – 133	01/05/2024 12:27	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3339954001	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
3339954001	BTR 201	N/A	N/A	N/A		EPA 624.1	1114703

CHAIN OF CUSTODY / SAMPLE INFORMATION FOR

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

3339954

Logged By: SLS

PM: GJM

Laboratory: ALS

Sampler: Garrett Schafer

Client: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: BTR Hamptead WWTP

Address / Phone: 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
1	BTR 201	G	40 mL G VOA Vial HCl	WW	3	1/4/24	0905	1,1,1 - Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)

Temp By: DAG | WO Temp (°C): 6 | Therm ID: 573

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
CR6 Samples Filtered	Y N (NA)
OP Samples Filtered	Y N (NA)
VOA Trip Blank	Y N (NA)
Nit≤ 4 Days?	(Y) N
Rad Screen (uCi)	7
Courier/Tracking #:	—
SDWA Compliance	Y (N)
PWSID	
WV Containers 0.6°C	Y N (NA)

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:	Date	Time	Sample containers properly pres'd? - Yes/No	If No, explain
				Initials:	Date:

1/12/2024 11:18 AM

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 302031 on 2/20/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3345621**
Purchase Order:	**W/WW**	Workorder ID:	**HAMPSTEAD WWTP**

Enclosed are the analytical results for samples received by the laboratory on Wednesday, February 14, 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 George Methlie (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.

George Methlie

George Methlie *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3345621001	BTR 201	Water	02/14/2024 09:53	02/14/2024 17:23	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

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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	02/14/2024 09:53
Lab Sample ID	3345621001	Lab Receipt	02/14/2024 17:23

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	02/15/2024 17:39	BST	A
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
1,1,2-Trichloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
1,1-Dichloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
1,1-Dichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
1,2-Dichloroethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
1,2-Dichloropropane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
1,3-Dichlorobenzene	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
Benzene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Bromodichloromethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Bromoform	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Bromomethane	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
Carbon Tetrachloride	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
Chlorobenzene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Chlorodibromomethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Chloroethane	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
Chloromethane	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
cis-1,3-Dichloropropene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Ethylbenzene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Methylene Chloride	ND	ND	ug/L	1.0	EPA 624.1	1	02/15/2024 17:39	BST	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Toluene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
trans-1,2-Dichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
trans-1,3-Dichloropropene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Trichlorofluoromethane	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A
Vinyl Chloride	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:39	BST	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	108%	72 – 142	02/15/2024 17:39	
4-Bromofluorobenzene	460-00-4	108%	73 – 119	02/15/2024 17:39	
Dibromofluoromethane	1868-53-7	98.3%	74 – 132	02/15/2024 17:39	
Toluene-d8	2037-26-5	104%	75 – 133	02/15/2024 17:39	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3345621001	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
3345621001	BTR 201	N/A	N/A	N/A		EPA 624.1	1138518

CHAIN OF CUSTODY / SAMPLE INFORMATION FOI

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

3345621
Logged By: SLS
PM: GJM

Laboratory: ALS

Sampler: [illegible]

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: Quarterly 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
BTR1	BTR 201	G	40 mL G VOA Vial HCl	WW	3	2/14/24	0153	Total Purgeable Organics by 624 (Profile 653888 Line 8)

Temp By: RW | WO temp (°C) 2c | Therm ID [illegible]

Receipt Info Completed by: RW
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
CR6 Samples Filtered Y N NA
OP Samples Filtered Y N NA
VOA Trip Blank Y N NA
NH 4 Days?
Rad Screen (uCi)
Courier/Tracking #

SDWA Compliance Y N
PWSID
WV Containers (4-6°C) Y N

Transferred by	Received by	Date	Time
Transferred by: [illegible]	Received by: [illegible]	Date 2/14/24	Time 12:45
Transferred by: [illegible]	Received by: [illegible] ALS	Date 2-14-24	Time 1500
Transferred by: [illegible] 2-14-24 1723	Received by: [illegible]	Date 2/14/24	Time 1723

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

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 302032 on 2/20/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3345620**
Purchase Order:	**W/WW**	Workorder ID:	**HAMPSTEAD WWTP**

Enclosed are the analytical results for samples received by the laboratory on Wednesday, February 14, 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 George Methlie (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.

George Methlie

George Methlie *(ALS Digital Signature)*
Project Coordinator

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3345620001	BTR 201	Water	02/14/2024 09:53	02/14/2024 17:23	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	02/14/2024 09:53
Lab Sample ID	3345620001	Lab Receipt	02/14/2024 17:23

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	02/15/2024 17:16	BST	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:16	BST	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	02/15/2024 17:16	BST	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	107%	72 – 142	02/15/2024 17:16	
4-Bromofluorobenzene	460-00-4	108%	73 – 119	02/15/2024 17:16	
Dibromofluoromethane	1868-53-7	102%	74 – 132	02/15/2024 17:16	
Toluene-d8	2037-26-5	104%	75 – 133	02/15/2024 17:16	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3345620001	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
3345620001	BTR 201	N/A	N/A	N/A		EPA 624.1	1138518

CHAIN OF CUSTODY / SAMPLE INFORMATION FOF

3345620
Logged By: SLS
PM: GJM

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

Laboratory: ALS

Sampler: Garrett Sch...

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
BTR 2	BTR 201	G	40 mL G VOA Vial HCl	WW	3	2/14/24	0953	1,1,1 - Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)

Temp By: RW | WO temp (°C): 2c | Therm ID: 520

Receipt Info Completed By: RW
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
LR6 Samples Filtered: Y N NA
OP Samples Filtered: Y N NA
VOA Trip Blank: Y N NA
HT≤4 Days?
Rad Screen (uG)
Courier/Tracking #:

SDWA Compliance: Y N
PWSID
WV Containers 0.5 C: Y N NA

Relinquished by: Garrett Sch...	Received by: Williams	Date 2-14-24	Time 1244
Relinquished by: Williams	Received by: M...	Date 2-14-24	Time 1300
Relinquished by: ... 2-14-24 1723	Received by:	Date 2-14-24	Time 1725

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

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 311120 on 3/28/2024

Certificate of Analysis

Project Name:	**HAMPSTEAD WWTP**	Workorder:	**3350275**
Purchase Order:	**W/WW**	Workorder ID:	**BTR HAMPSTEAD**

Enclosed are the analytical results for samples received by the laboratory on Wednesday, March 13, 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 George Methlie (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

George Methlie

George Methlie *(ALS Digital Signature)*
Project Coordinator

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

Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3350275001	BTR 201	Water	03/13/2024 09:08	03/13/2024 20:10	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	03/13/2024 09:08
Lab Sample ID	3350275001	Lab Receipt	03/13/2024 20:10

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	03/21/2024 16:48	TMP	A
Tetrachloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	03/21/2024 16:48	TMP	A
Trichloroethene	ND	ND	ug/L	0.50	EPA 624.1	1	03/21/2024 16:48	TMP	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	72 - 142	03/21/2024 16:48	
4-Bromofluorobenzene	460-00-4	107%	73 - 119	03/21/2024 16:48	
Dibromofluoromethane	1868-53-7	94.7%	74 - 132	03/21/2024 16:48	
Toluene-d8	2037-26-5	105%	75 - 133	03/21/2024 16:48	

Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3350275001	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
3350275001	BTR 201	N/A	N/A	N/A		EPA 624.1	1160394

3350275
Logged By: RAW
PM: GJM

CHAIN OF CUSTODY / SAMPLE INFORMATION FO

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

Laboratory: ALS | **Sampler:** Garrett Schuler

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
BTR 1	BTR 201	G	40 mL G VOA Vial HCl	WW	3	3/13/23	0908	1,1,1 - Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)

Temp By: kw | WO Temp (°C): 1 | Therm ID: 570

Receipt Info Completed By: kw
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
CR6 Samples Filtered: Y N NA
OP Samples Filtered: Y N NA
VOA Trip Blank: Y N NA
NH 4 Days?: Y N
Rad Screen (uCi):
Courier/Tracking #: N.A

SDWA Compliance: Y N
PWSID:
WV Containers 0-6 C: Y N

Transferred by:	Received by:	Date	Time
Garrett Schuler	Phil Williams	3.13.24	1218
Phil Williams	[signature]	3/13/24	1650
[signature]	[signature]	3/13/24	1916

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
(FEBRUARY 2024)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/27/2024 10:27:44 AM

JOB DESCRIPTION

Stanley Black and Decker - Hampstead, MD

JOB NUMBER

500-246409-1

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

Shawn Hayes

Generated
2/27/2024 10:27:44 AM

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

Table of Contents

Job ID: 500-246409-1 — Eurofins Chicago

Job Narrative
500-246409-1

Receipt
The samples were received on 02/20/24 10:00. 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 4.3° C.

GC/MS VOA
Method 8260D: Methylene chloride was detected in the following samples: RFW-1A (500-246409-1), RFW-1B (500-246409-2), RFW-2A (500-246409-3), RFW-2B (500-246409-4), RFW-3B (500-246409-5), RFW-4A (500-246409-6), RFW-4A Dup (500-246409-7), RFW-4B (500-246409-8), RFW-6 (500-246409-9), RFW-7 (500-246409-10), RFW-9 (500-246409-11), RFW-11B (500-246409-12), RFW-12B (500-246409-13), RFW-13 (500-246409-14), RFW-17 (500-246409-15), EW-2 (500-246409-16), EW-3 (500-246409-17), EW-4 (500-246409-18), EW-5 (500-246409-19), EW-6 (500-246409-20), EW-7 (500-246409-21), EW-8 (500-246409-22), EW-9 (500-246409-23), EW-9 Dup (500-246409-24), EW-10 (500-246409-25) and Trip Blank (500-246409-26). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

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
Job ID: 500-246409-1
Project/Site: Stanley Black and Decker - Hampstead, MD

Client Sample ID: RFW-1A
Lab Sample ID: 500-246409-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-1B
Lab Sample ID: 500-246409-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-2A
Lab Sample ID: 500-246409-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	95		10	1.7	ug/L	1		8260D	Total/NA
Methyl Ethyl Ketone	39		5.0	2.1	ug/L	1		8260D	Total/NA
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Toluene	0.16	J	0.50	0.15	ug/L	1		8260D	Total/NA
Trichloroethene	0.25	J	0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-2B
Lab Sample ID: 500-246409-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	92		10	1.7	ug/L	1		8260D	Total/NA
Methyl Ethyl Ketone	35		5.0	2.1	ug/L	1		8260D	Total/NA
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Toluene	0.15	J	0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-3B
Lab Sample ID: 500-246409-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	120		10	1.7	ug/L	1		8260D	Total/NA
Methyl Ethyl Ketone	51		5.0	2.1	ug/L	1		8260D	Total/NA
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Toluene	0.17	J	0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-4A
Lab Sample ID: 500-246409-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.45	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.46	J	1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.7		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	19		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-4A Dup
Lab Sample ID: 500-246409-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.47	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.47	J	1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.8		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	19		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-4B
Lab Sample ID: 500-246409-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J	2.0	0.37	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RFW-4B (Continued)
Lab Sample ID: 500-246409-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.6	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	73		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	60		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-6
Lab Sample ID: 500-246409-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-7
Lab Sample ID: 500-246409-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-9
Lab Sample ID: 500-246409-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.8		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	5.4		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-11B
Lab Sample ID: 500-246409-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-12B
Lab Sample ID: 500-246409-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	7.0		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	110		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-13
Lab Sample ID: 500-246409-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.3		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.3		1.0	0.37	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	5.4		1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	2.5		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: RFW-17
Lab Sample ID: 500-246409-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.1	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: EW-2
Lab Sample ID: 500-246409-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.41	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-2 (Continued)
Lab Sample ID: 500-246409-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	54		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	53		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-3
Lab Sample ID: 500-246409-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.75	J	1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	18		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-4
Lab Sample ID: 500-246409-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.99	J	1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	7.3		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	26		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-5
Lab Sample ID: 500-246409-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.7		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	45		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-6
Lab Sample ID: 500-246409-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	6.0		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	2.5		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-7
Lab Sample ID: 500-246409-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.2		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	2.8		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-8
Lab Sample ID: 500-246409-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.67	J	1.0	0.41	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	25		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	53		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	4.5		0.50	0.16	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions Inc
Job ID: 500-246409-1
Project/Site: Stanley Black and Decker - Hampstead, MD

Client Sample ID: EW-9
Lab Sample ID: 500-246409-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.9	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	45		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	0.35	J	0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-9 Dup
Lab Sample ID: 500-246409-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.8	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	43		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	0.41	J	0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: EW-10
Lab Sample ID: 500-246409-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	1.7	ug/L	1		8260D	Total/NA
Methylene Chloride	3.9	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 500-246409-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA

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: 500-246409-1

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: 500-246409-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-246409-1	RFW-1A	Water	02/17/24 13:45	02/20/24 10:00
500-246409-2	RFW-1B	Water	02/17/24 14:30	02/20/24 10:00
500-246409-3	RFW-2A	Water	02/17/24 14:20	02/20/24 10:00
500-246409-4	RFW-2B	Water	02/17/24 15:35	02/20/24 10:00
500-246409-5	RFW-3B	Water	02/18/24 14:10	02/20/24 10:00
500-246409-6	RFW-4A	Water	02/18/24 11:20	02/20/24 10:00
500-246409-7	RFW-4A Dup	Water	02/18/24 11:20	02/20/24 10:00
500-246409-8	RFW-4B	Water	02/18/24 12:00	02/20/24 10:00
500-246409-9	RFW-6	Water	02/17/24 11:00	02/20/24 10:00
500-246409-10	RFW-7	Water	02/17/24 10:10	02/20/24 10:00
500-246409-11	RFW-9	Water	02/18/24 10:10	02/20/24 10:00
500-246409-12	RFW-11B	Water	02/18/24 09:10	02/20/24 10:00
500-246409-13	RFW-12B	Water	02/18/24 13:20	02/20/24 10:00
500-246409-14	RFW-13	Water	02/17/24 12:05	02/20/24 10:00
500-246409-15	RFW-17	Water	02/17/24 13:15	02/20/24 10:00
500-246409-16	EW-2	Water	02/18/24 13:00	02/20/24 10:00
500-246409-17	EW-3	Water	02/18/24 07:30	02/20/24 10:00
500-246409-18	EW-4	Water	02/18/24 07:45	02/20/24 10:00
500-246409-19	EW-5	Water	02/18/24 07:55	02/20/24 10:00
500-246409-20	EW-6	Water	02/18/24 10:25	02/20/24 10:00
500-246409-21	EW-7	Water	02/18/24 10:35	02/20/24 10:00
500-246409-22	EW-8	Water	02/18/24 10:40	02/20/24 10:00
500-246409-23	EW-9	Water	02/18/24 10:50	02/20/24 10:00
500-246409-24	EW-9 Dup	Water	02/18/24 10:50	02/20/24 10:00
500-246409-25	EW-10	Water	02/18/24 11:00	02/20/24 10:00
500-246409-26	Trip Blank	Water	02/17/24 07:00	02/20/24 10:00

Client Sample ID: RFW-1A

Date Collected: 02/17/24 13:45
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-1

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	0.46	ug/L			02/21/24 10:22	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 10:22	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 10:22	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 10:22	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 10:22	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 10:22	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 10:22	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 10:22	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 10:22	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:22	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 10:22	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 10:22	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 10:22	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 10:22	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:22	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 10:22	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:22	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 10:22	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 10:22	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 10:22	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 10:22	1
Acetone	<10		10	1.7	ug/L			02/21/24 10:22	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 10:22	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:22	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:22	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 10:22	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 10:22	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 10:22	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 10:22	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 10:22	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 10:22	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 10:22	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 10:22	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 10:22	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 10:22	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 10:22	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 10:22	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 10:22	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 10:22	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 10:22	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 10:22	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 10:22	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 10:22	1
Methylene Chloride	4.5	J B	5.0	1.6	ug/L			02/21/24 10:22	1

Client Sample ID: RFW-1A
Lab Sample ID: 500-246409-1
Date Collected: 02/17/24 13:45
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 10:22	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 10:22	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 10:22	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 10:22	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:22	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 10:22	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:22	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 10:22	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 10:22	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 10:22	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 10:22	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 10:22	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:22	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 10:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 10:22*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*02/21/24 10:22*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*02/21/24 10:22*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 10:22*	*1*

Client Sample ID: RFW-1B

Date Collected: 02/17/24 14:30
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-2

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	0.46	ug/L			02/21/24 10:47	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 10:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 10:47	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 10:47	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 10:47	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 10:47	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 10:47	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 10:47	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 10:47	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:47	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 10:47	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 10:47	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 10:47	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 10:47	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:47	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 10:47	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:47	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 10:47	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 10:47	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 10:47	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 10:47	1
Acetone	<10		10	1.7	ug/L			02/21/24 10:47	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 10:47	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:47	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:47	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 10:47	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 10:47	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 10:47	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 10:47	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 10:47	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 10:47	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 10:47	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 10:47	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 10:47	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 10:47	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 10:47	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 10:47	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 10:47	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 10:47	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 10:47	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 10:47	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 10:47	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 10:47	1
Methylene Chloride	4.5	J B	5.0	1.6	ug/L			02/21/24 10:47	1

Client Sample ID: RFW-1B
Lab Sample ID: 500-246409-2
Date Collected: 02/17/24 14:30
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 10:47	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 10:47	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 10:47	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 10:47	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:47	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 10:47	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:47	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 10:47	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 10:47	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 10:47	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 10:47	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 10:47	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:47	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/21/24 10:47*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*02/21/24 10:47*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*02/21/24 10:47*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 10:47*	*1*

Client Sample ID: RFW-2A

Date Collected: 02/17/24 14:20
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-3

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	0.46	ug/L			02/21/24 11:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 11:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 11:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 11:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 11:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 11:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 11:11	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 11:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 11:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 11:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 11:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 11:11	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 11:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 11:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:11	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 11:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 11:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 11:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 11:11	1
Acetone	**95**		10	1.7	ug/L			02/21/24 11:11	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 11:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 11:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 11:11	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 11:11	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 11:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 11:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 11:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 11:11	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 11:11	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 11:11	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 11:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 11:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 11:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 11:11	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 11:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 11:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 11:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 11:11	1
Methyl Ethyl Ketone	**39**		5.0	2.1	ug/L			02/21/24 11:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 11:11	1
Methylene Chloride	**4.4**	**J B**	5.0	1.6	ug/L			02/21/24 11:11	1

Client Sample ID: RFW-2A
Lab Sample ID: 500-246409-3
Date Collected: 02/17/24 14:20
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 11:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 11:11	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 11:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 11:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:11	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 11:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:11	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 11:11	1
Toluene	**0.16**	**J**	0.50	0.15	ug/L			02/21/24 11:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 11:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 11:11	1
Trichloroethene	**0.25**	**J**	0.50	0.16	ug/L			02/21/24 11:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 11:11	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 11:11*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*02/21/24 11:11*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*02/21/24 11:11*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 11:11*	*1*

Client Sample ID: RFW-2B

Date Collected: 02/17/24 15:35
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-4

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	0.46	ug/L			02/21/24 11:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 11:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 11:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 11:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 11:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 11:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 11:35	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 11:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 11:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 11:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 11:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 11:35	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 11:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 11:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:35	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 11:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 11:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 11:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 11:35	1
Acetone	**92**		10	1.7	ug/L			02/21/24 11:35	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 11:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 11:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 11:35	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 11:35	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 11:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 11:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 11:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 11:35	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 11:35	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 11:35	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 11:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 11:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 11:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 11:35	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 11:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 11:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 11:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 11:35	1
Methyl Ethyl Ketone	**35**		5.0	2.1	ug/L			02/21/24 11:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 11:35	1
Methylene Chloride	**4.5**	J B	5.0	1.6	ug/L			02/21/24 11:35	1

Client Sample ID: RFW-2B
Lab Sample ID: 500-246409-4
Date Collected: 02/17/24 15:35
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 11:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 11:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 11:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 11:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:35	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 11:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:35	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 11:35	1
Toluene	**0.15**	**J**	0.50	0.15	ug/L			02/21/24 11:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 11:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 11:35	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 11:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 11:35	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 11:35*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 11:35*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*02/21/24 11:35*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 11:35*	*1*

Client Sample ID: RFW-3B

Date Collected: 02/18/24 14:10
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-5

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	0.46	ug/L			02/21/24 11:59	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 11:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 11:59	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 11:59	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 11:59	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 11:59	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 11:59	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 11:59	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 11:59	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:59	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 11:59	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 11:59	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 11:59	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 11:59	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:59	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 11:59	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:59	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 11:59	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 11:59	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 11:59	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 11:59	1
Acetone	**120**		10	1.7	ug/L			02/21/24 11:59	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 11:59	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 11:59	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 11:59	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 11:59	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 11:59	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 11:59	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 11:59	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 11:59	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 11:59	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 11:59	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 11:59	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 11:59	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 11:59	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 11:59	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 11:59	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 11:59	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 11:59	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 11:59	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 11:59	1
Methyl Ethyl Ketone	**51**		5.0	2.1	ug/L			02/21/24 11:59	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 11:59	1
Methylene Chloride	**4.4**	J B	5.0	1.6	ug/L			02/21/24 11:59	1

Client Sample ID: RFW-3B
Lab Sample ID: 500-246409-5
Date Collected: 02/18/24 14:10
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 11:59	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 11:59	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 11:59	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 11:59	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:59	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 11:59	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 11:59	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 11:59	1
Toluene	**0.17**	**J**	0.50	0.15	ug/L			02/21/24 11:59	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 11:59	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 11:59	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 11:59	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 11:59	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/21/24 11:59*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*02/21/24 11:59*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*02/21/24 11:59*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 11:59*	*1*

Client Sample ID: RFW-4A

Date Collected: 02/18/24 11:20
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-6

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	0.46	ug/L			02/21/24 12:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 12:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 12:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 12:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 12:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 12:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 12:24	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 12:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 12:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 12:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 12:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 12:24	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 12:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 12:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:24	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 12:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 12:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 12:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 12:24	1
Acetone	<10		10	1.7	ug/L			02/21/24 12:24	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 12:24	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 12:24	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 12:24	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 12:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 12:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 12:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 12:24	1
Chloroform	**0.45**	**J**	2.0	0.37	ug/L			02/21/24 12:24	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 12:24	1
cis-1,2-Dichloroethene	**0.46**	**J**	1.0	0.41	ug/L			02/21/24 12:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 12:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 12:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 12:24	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 12:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 12:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 12:24	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 12:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 12:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 12:24	1
Methylene Chloride	**4.4**	**J B**	5.0	1.6	ug/L			02/21/24 12:24	1

Client Sample ID: RFW-4A
Lab Sample ID: 500-246409-6
Date Collected: 02/18/24 11:20
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 12:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 12:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 12:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 12:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:24	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 12:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:24	1
Tetrachloroethene	**8.7**		1.0	0.37	ug/L			02/21/24 12:24	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 12:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 12:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 12:24	1
Trichloroethene	**19**		0.50	0.16	ug/L			02/21/24 12:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:24	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 12:24*	*1*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*02/21/24 12:24*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*02/21/24 12:24*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 12:24*	*1*

Client Sample ID: RFW-4A Dup

Date Collected: 02/18/24 11:20
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-7

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	0.46	ug/L			02/21/24 12:48	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 12:48	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 12:48	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 12:48	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 12:48	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 12:48	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 12:48	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 12:48	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 12:48	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:48	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 12:48	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 12:48	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 12:48	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 12:48	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:48	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 12:48	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:48	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 12:48	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 12:48	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 12:48	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 12:48	1
Acetone	<10		10	1.7	ug/L			02/21/24 12:48	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 12:48	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:48	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:48	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 12:48	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 12:48	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 12:48	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 12:48	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 12:48	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 12:48	1
Chloroform	**0.47**	**J**	2.0	0.37	ug/L			02/21/24 12:48	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 12:48	1
cis-1,2-Dichloroethene	**0.47**	**J**	1.0	0.41	ug/L			02/21/24 12:48	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 12:48	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 12:48	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 12:48	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 12:48	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 12:48	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 12:48	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 12:48	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 12:48	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 12:48	1
Methylene Chloride	**4.4**	**J B**	5.0	1.6	ug/L			02/21/24 12:48	1

Client Sample ID: RFW-4A Dup
Lab Sample ID: 500-246409-7
Date Collected: 02/18/24 11:20
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 12:48	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 12:48	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 12:48	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 12:48	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:48	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 12:48	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:48	1
Tetrachloroethene	**8.8**		1.0	0.37	ug/L			02/21/24 12:48	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 12:48	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 12:48	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 12:48	1
Trichloroethene	**19**		0.50	0.16	ug/L			02/21/24 12:48	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:48	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/21/24 12:48*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*02/21/24 12:48*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*02/21/24 12:48*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 12:48*	*1*

Client Sample ID: RFW-4B

Date Collected: 02/18/24 12:00
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-8

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	0.46	ug/L			02/21/24 13:12	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 13:12	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 13:12	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 13:12	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 13:12	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 13:12	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 13:12	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 13:12	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 13:12	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:12	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 13:12	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 13:12	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 13:12	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 13:12	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:12	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 13:12	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:12	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 13:12	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 13:12	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 13:12	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 13:12	1
Acetone	<10		10	1.7	ug/L			02/21/24 13:12	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 13:12	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:12	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:12	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 13:12	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 13:12	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 13:12	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 13:12	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 13:12	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 13:12	1
Chloroform	**1.2**	**J**	2.0	0.37	ug/L			02/21/24 13:12	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 13:12	1
cis-1,2-Dichloroethene	**2.7**		1.0	0.41	ug/L			02/21/24 13:12	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 13:12	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 13:12	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 13:12	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 13:12	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 13:12	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 13:12	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 13:12	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 13:12	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 13:12	1
Methylene Chloride	**4.6**	**J B**	5.0	1.6	ug/L			02/21/24 13:12	1

Client Sample ID: RFW-4B
Lab Sample ID: 500-246409-8
Date Collected: 02/18/24 12:00
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 13:12	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 13:12	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 13:12	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 13:12	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:12	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 13:12	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:12	1
Tetrachloroethene	**73**		1.0	0.37	ug/L			02/21/24 13:12	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 13:12	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 13:12	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 13:12	1
Trichloroethene	**60**		0.50	0.16	ug/L			02/21/24 13:12	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:12	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/21/24 13:12*	*1*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*02/21/24 13:12*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*02/21/24 13:12*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 13:12*	*1*

Client Sample ID: RFW-6

Date Collected: 02/17/24 11:00
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-9

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	0.46	ug/L			02/21/24 13:36	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 13:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 13:36	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 13:36	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 13:36	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 13:36	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 13:36	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 13:36	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 13:36	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:36	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 13:36	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 13:36	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 13:36	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 13:36	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:36	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 13:36	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:36	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 13:36	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 13:36	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 13:36	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 13:36	1
Acetone	<10		10	1.7	ug/L			02/21/24 13:36	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 13:36	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:36	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:36	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 13:36	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 13:36	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 13:36	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 13:36	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 13:36	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 13:36	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 13:36	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 13:36	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 13:36	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 13:36	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 13:36	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 13:36	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 13:36	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 13:36	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 13:36	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 13:36	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 13:36	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 13:36	1
Methylene Chloride	4.5	J B	5.0	1.6	ug/L			02/21/24 13:36	1

Client Sample ID: RFW-6
Lab Sample ID: 500-246409-9
Date Collected: 02/17/24 11:00
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 13:36	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 13:36	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 13:36	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 13:36	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:36	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 13:36	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:36	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 13:36	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 13:36	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 13:36	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 13:36	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 13:36	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:36	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 13:36*	*1*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*02/21/24 13:36*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*02/21/24 13:36*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 13:36*	*1*

Client Sample ID: RFW-7
Date Collected: 02/17/24 10:10
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-10
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	0.46	ug/L			02/21/24 14:01	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 14:01	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 14:01	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 14:01	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 14:01	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 14:01	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 14:01	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 14:01	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 14:01	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:01	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 14:01	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 14:01	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 14:01	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 14:01	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:01	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 14:01	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:01	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 14:01	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 14:01	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 14:01	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 14:01	1
Acetone	<10		10	1.7	ug/L			02/21/24 14:01	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 14:01	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:01	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:01	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 14:01	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 14:01	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 14:01	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 14:01	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 14:01	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 14:01	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 14:01	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 14:01	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 14:01	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 14:01	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 14:01	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 14:01	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 14:01	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 14:01	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 14:01	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 14:01	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 14:01	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 14:01	1
Methylene Chloride	4.3	J B	5.0	1.6	ug/L			02/21/24 14:01	1

Client Sample ID: RFW-7
Lab Sample ID: 500-246409-10
Date Collected: 02/17/24 10:10
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 14:01	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 14:01	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 14:01	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 14:01	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:01	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 14:01	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:01	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 14:01	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 14:01	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 14:01	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 14:01	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 14:01	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:01	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/21/24 14:01*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 14:01*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*02/21/24 14:01*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 14:01*	*1*

Client Sample ID: RFW-9
Date Collected: 02/18/24 10:10
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-11
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	0.46	ug/L			02/21/24 14:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 14:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 14:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 14:25	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 14:25	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 14:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 14:25	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 14:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 14:25	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:25	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 14:25	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 14:25	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 14:25	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 14:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:25	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 14:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:25	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 14:25	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 14:25	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 14:25	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 14:25	1
Acetone	<10		10	1.7	ug/L			02/21/24 14:25	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 14:25	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:25	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:25	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 14:25	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 14:25	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 14:25	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 14:25	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 14:25	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 14:25	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 14:25	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 14:25	1
cis-1,2-Dichloroethene	**12**		1.0	0.41	ug/L			02/21/24 14:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 14:25	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 14:25	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 14:25	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 14:25	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 14:25	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 14:25	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 14:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 14:25	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 14:25	1
Methylene Chloride	4.2	J B	5.0	1.6	ug/L			02/21/24 14:25	1

Client Sample ID: RFW-9
Lab Sample ID: 500-246409-11
Date Collected: 02/18/24 10:10
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 14:25	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 14:25	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 14:25	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 14:25	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:25	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 14:25	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:25	1
Tetrachloroethene	**3.8**		1.0	0.37	ug/L			02/21/24 14:25	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 14:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 14:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 14:25	1
Trichloroethene	**5.4**		0.50	0.16	ug/L			02/21/24 14:25	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:25	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*02/21/24 14:25*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 14:25*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*02/21/24 14:25*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 14:25*	*1*

Client Sample ID: RFW-11B

Date Collected: 02/18/24 09:10
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-12

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	0.46	ug/L			02/21/24 14:49	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 14:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 14:49	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 14:49	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 14:49	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 14:49	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 14:49	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 14:49	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 14:49	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:49	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 14:49	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 14:49	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 14:49	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 14:49	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:49	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 14:49	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:49	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 14:49	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 14:49	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 14:49	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 14:49	1
Acetone	<10		10	1.7	ug/L			02/21/24 14:49	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 14:49	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:49	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:49	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 14:49	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 14:49	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 14:49	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 14:49	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 14:49	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 14:49	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 14:49	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 14:49	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 14:49	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 14:49	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 14:49	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 14:49	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 14:49	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 14:49	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 14:49	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 14:49	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 14:49	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 14:49	1
Methylene Chloride	4.3	J B	5.0	1.6	ug/L			02/21/24 14:49	1

Client Sample ID: RFW-11B
Lab Sample ID: 500-246409-12
Date Collected: 02/18/24 09:10
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 14:49	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 14:49	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 14:49	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 14:49	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:49	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 14:49	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:49	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 14:49	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 14:49	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 14:49	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 14:49	1
Trichloroethene	**0.53**		0.50	0.16	ug/L			02/21/24 14:49	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:49	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/21/24 14:49*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*02/21/24 14:49*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*02/21/24 14:49*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 14:49*	*1*

Client Sample ID: RFW-12B
Date Collected: 02/18/24 13:20
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-13
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	0.46	ug/L			02/21/24 15:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 15:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 15:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 15:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 15:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 15:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 15:13	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 15:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 15:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 15:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 15:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 15:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 15:13	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 15:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 15:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 15:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 15:13	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 15:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 15:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 15:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 15:13	1
Acetone	<10		10	1.7	ug/L			02/21/24 15:13	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 15:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 15:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 15:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 15:13	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 15:13	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 15:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 15:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 15:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 15:13	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 15:13	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 15:13	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.41	ug/L			02/21/24 15:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 15:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 15:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 15:13	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 15:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 15:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 15:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 15:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 15:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 15:13	1
Methylene Chloride	**4.4**	**J B**	5.0	1.6	ug/L			02/21/24 15:13	1

Client Sample ID: RFW-12B
Lab Sample ID: 500-246409-13
Date Collected: 02/18/24 13:20
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 15:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 15:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 15:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 15:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 15:13	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 15:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 15:13	1
Tetrachloroethene	**7.0**		1.0	0.37	ug/L			02/21/24 15:13	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 15:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 15:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 15:13	1
Trichloroethene	**110**		0.50	0.16	ug/L			02/21/24 15:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 15:13	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/21/24 15:13*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*02/21/24 15:13*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*02/21/24 15:13*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 15:13*	*1*

Client Sample ID: RFW-13

Date Collected: 02/17/24 12:05
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-14

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	0.46	ug/L			02/21/24 16:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 16:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 16:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 16:02	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 16:02	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 16:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 16:02	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 16:02	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 16:02	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:02	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 16:02	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 16:02	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 16:02	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 16:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:02	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 16:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:02	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 16:02	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 16:02	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 16:02	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 16:02	1
Acetone	<10		10	1.7	ug/L			02/21/24 16:02	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 16:02	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:02	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 16:02	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 16:02	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 16:02	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 16:02	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 16:02	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 16:02	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 16:02	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 16:02	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 16:02	1
cis-1,2-Dichloroethene	**3.3**		1.0	0.41	ug/L			02/21/24 16:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 16:02	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 16:02	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 16:02	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 16:02	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 16:02	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 16:02	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 16:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 16:02	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 16:02	1
Methylene Chloride	**4.2**	**J B**	5.0	1.6	ug/L			02/21/24 16:02	1

Client Sample ID: RFW-13
Lab Sample ID: 500-246409-14
Date Collected: 02/17/24 12:05
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 16:02	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 16:02	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 16:02	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 16:02	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:02	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 16:02	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:02	1
Tetrachloroethene	**8.3**		1.0	0.37	ug/L			02/21/24 16:02	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 16:02	1
trans-1,2-Dichloroethene	**5.4**		1.0	0.35	ug/L			02/21/24 16:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 16:02	1
Trichloroethene	**2.5**		0.50	0.16	ug/L			02/21/24 16:02	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 16:02	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 16:02*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 16:02*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*02/21/24 16:02*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*02/21/24 16:02*	*1*

Client Sample ID: RFW-17

Date Collected: 02/17/24 13:15
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-15

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	0.46	ug/L			02/21/24 16:26	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 16:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 16:26	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 16:26	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 16:26	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 16:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 16:26	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 16:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 16:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:26	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 16:26	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 16:26	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 16:26	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 16:26	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:26	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 16:26	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:26	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 16:26	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 16:26	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 16:26	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 16:26	1
Acetone	<10		10	1.7	ug/L			02/21/24 16:26	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 16:26	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:26	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 16:26	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 16:26	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 16:26	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 16:26	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 16:26	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 16:26	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 16:26	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 16:26	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 16:26	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 16:26	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 16:26	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 16:26	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 16:26	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 16:26	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 16:26	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 16:26	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 16:26	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 16:26	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 16:26	1
Methylene Chloride	4.1	J B	5.0	1.6	ug/L			02/21/24 16:26	1

Client Sample ID: RFW-17
Lab Sample ID: 500-246409-15
Date Collected: 02/17/24 13:15
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 16:26	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 16:26	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 16:26	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 16:26	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:26	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 16:26	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:26	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 16:26	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 16:26	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 16:26	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 16:26	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 16:26	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 16:26	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 16:26*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*02/21/24 16:26*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*02/21/24 16:26*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*02/21/24 16:26*	*1*

Client Sample ID: EW-2

Date Collected: 02/18/24 13:00
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-16

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	0.46	ug/L			02/21/24 16:50	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 16:50	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 16:50	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 16:50	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 16:50	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 16:50	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 16:50	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 16:50	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 16:50	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:50	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 16:50	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 16:50	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 16:50	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 16:50	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:50	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 16:50	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:50	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 16:50	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 16:50	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 16:50	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 16:50	1
Acetone	<10		10	1.7	ug/L			02/21/24 16:50	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 16:50	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 16:50	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 16:50	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 16:50	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 16:50	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 16:50	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 16:50	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 16:50	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 16:50	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 16:50	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 16:50	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.41	ug/L			02/21/24 16:50	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 16:50	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 16:50	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 16:50	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 16:50	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 16:50	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 16:50	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 16:50	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 16:50	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 16:50	1
Methylene Chloride	**4.2**	**J B**	5.0	1.6	ug/L			02/21/24 16:50	1

Client Sample ID: EW-2
Lab Sample ID: 500-246409-16
Date Collected: 02/18/24 13:00
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 16:50	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 16:50	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 16:50	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 16:50	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:50	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 16:50	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 16:50	1
Tetrachloroethene	**54**		1.0	0.37	ug/L			02/21/24 16:50	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 16:50	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 16:50	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 16:50	1
Trichloroethene	**53**		0.50	0.16	ug/L			02/21/24 16:50	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 16:50	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 16:50*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 16:50*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*02/21/24 16:50*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 16:50*	*1*

Client Sample ID: EW-3

Date Collected: 02/18/24 07:30
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-17

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	0.46	ug/L			02/21/24 17:15	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 17:15	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 17:15	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 17:15	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 17:15	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 17:15	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 17:15	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 17:15	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 17:15	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 17:15	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 17:15	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 17:15	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 17:15	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 17:15	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 17:15	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 17:15	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 17:15	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 17:15	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 17:15	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 17:15	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 17:15	1
Acetone	<10		10	1.7	ug/L			02/21/24 17:15	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 17:15	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 17:15	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 17:15	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 17:15	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 17:15	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 17:15	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 17:15	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 17:15	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 17:15	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 17:15	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 17:15	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.41	ug/L			02/21/24 17:15	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 17:15	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 17:15	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 17:15	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 17:15	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 17:15	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 17:15	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 17:15	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 17:15	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 17:15	1
Methylene Chloride	4.3	J B	5.0	1.6	ug/L			02/21/24 17:15	1

Client Sample ID: EW-3
Lab Sample ID: 500-246409-17
Date Collected: 02/18/24 07:30
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 17:15	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 17:15	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 17:15	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 17:15	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 17:15	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 17:15	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 17:15	1
Tetrachloroethene	**0.75**	**J**	1.0	0.37	ug/L			02/21/24 17:15	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 17:15	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 17:15	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 17:15	1
Trichloroethene	**18**		0.50	0.16	ug/L			02/21/24 17:15	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 17:15	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 17:15*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*02/21/24 17:15*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*02/21/24 17:15*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*02/21/24 17:15*	*1*

Client Sample ID: EW-4

Date Collected: 02/18/24 07:45
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-18

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	0.46	ug/L			02/21/24 17:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 17:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 17:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 17:39	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 17:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 17:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 17:39	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 17:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 17:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 17:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 17:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 17:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 17:39	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 17:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 17:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 17:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 17:39	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 17:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 17:39	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 17:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 17:39	1
Acetone	<10		10	1.7	ug/L			02/21/24 17:39	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 17:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 17:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 17:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 17:39	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 17:39	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 17:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 17:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 17:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 17:39	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 17:39	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 17:39	1
cis-1,2-Dichloroethene	**0.99**	**J**	1.0	0.41	ug/L			02/21/24 17:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 17:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 17:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 17:39	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 17:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 17:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 17:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 17:39	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 17:39	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 17:39	1
Methylene Chloride	**4.2**	**J B**	5.0	1.6	ug/L			02/21/24 17:39	1

Client Sample ID: EW-4
Lab Sample ID: 500-246409-18
Date Collected: 02/18/24 07:45
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 17:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 17:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 17:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 17:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 17:39	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 17:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 17:39	1
Tetrachloroethene	**7.3**		1.0	0.37	ug/L			02/21/24 17:39	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 17:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 17:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 17:39	1
Trichloroethene	**26**		0.50	0.16	ug/L			02/21/24 17:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 17:39	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 17:39*	*1*
4-Bromofluorobenzene (Surr)	*115*		*72 - 124*		*02/21/24 17:39*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*02/21/24 17:39*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*02/21/24 17:39*	*1*

Client Sample ID: EW-5
Date Collected: 02/18/24 07:55
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-19
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	0.46	ug/L			02/21/24 12:33	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 12:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 12:33	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 12:33	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 12:33	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 12:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 12:33	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 12:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 12:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:33	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 12:33	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 12:33	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 12:33	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 12:33	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:33	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 12:33	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:33	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 12:33	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 12:33	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 12:33	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 12:33	1
Acetone	<10		10	1.7	ug/L			02/21/24 12:33	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 12:33	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:33	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:33	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 12:33	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 12:33	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 12:33	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 12:33	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 12:33	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 12:33	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 12:33	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 12:33	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 12:33	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 12:33	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 12:33	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 12:33	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 12:33	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 12:33	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 12:33	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 12:33	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 12:33	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 12:33	1
Methylene Chloride	4.4	J B	5.0	1.6	ug/L			02/21/24 12:33	1

Client Sample ID: EW-5
Lab Sample ID: 500-246409-19
Date Collected: 02/18/24 07:55
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 12:33	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 12:33	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 12:33	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 12:33	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:33	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 12:33	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:33	1
Tetrachloroethene	**1.7**		1.0	0.37	ug/L			02/21/24 12:33	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 12:33	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 12:33	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 12:33	1
Trichloroethene	**45**		0.50	0.16	ug/L			02/21/24 12:33	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:33	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/21/24 12:33*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 12:33*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*02/21/24 12:33*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*02/21/24 12:33*	*1*

Client Sample ID: EW-6

Date Collected: 02/18/24 10:25
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-20

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	0.46	ug/L			02/21/24 12:58	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 12:58	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 12:58	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 12:58	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 12:58	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 12:58	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 12:58	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 12:58	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 12:58	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:58	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 12:58	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 12:58	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 12:58	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 12:58	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:58	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 12:58	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:58	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 12:58	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 12:58	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 12:58	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 12:58	1
Acetone	<10		10	1.7	ug/L			02/21/24 12:58	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 12:58	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 12:58	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:58	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 12:58	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 12:58	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 12:58	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 12:58	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 12:58	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 12:58	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 12:58	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 12:58	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 12:58	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 12:58	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 12:58	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 12:58	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 12:58	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 12:58	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 12:58	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 12:58	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 12:58	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 12:58	1
Methylene Chloride	4.3	J B	5.0	1.6	ug/L			02/21/24 12:58	1

Client Sample ID: EW-6
Lab Sample ID: 500-246409-20
Date Collected: 02/18/24 10:25
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 12:58	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 12:58	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 12:58	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 12:58	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:58	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 12:58	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 12:58	1
Tetrachloroethene	**6.0**		1.0	0.37	ug/L			02/21/24 12:58	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 12:58	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 12:58	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 12:58	1
Trichloroethene	**2.5**		0.50	0.16	ug/L			02/21/24 12:58	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 12:58	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/21/24 12:58*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*02/21/24 12:58*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*02/21/24 12:58*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*02/21/24 12:58*	*1*

Client Sample ID: EW-7

Date Collected: 02/18/24 10:35
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-21

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	0.46	ug/L			02/21/24 13:28	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 13:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 13:28	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 13:28	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 13:28	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 13:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 13:28	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 13:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 13:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:28	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 13:28	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 13:28	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 13:28	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 13:28	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:28	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 13:28	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:28	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 13:28	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 13:28	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 13:28	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 13:28	1
Acetone	<10		10	1.7	ug/L			02/21/24 13:28	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 13:28	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:28	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:28	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 13:28	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 13:28	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 13:28	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 13:28	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 13:28	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 13:28	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 13:28	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 13:28	1
cis-1,2-Dichloroethene	**4.9**		1.0	0.41	ug/L			02/21/24 13:28	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 13:28	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 13:28	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 13:28	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 13:28	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 13:28	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 13:28	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 13:28	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 13:28	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 13:28	1
Methylene Chloride	**4.4**	**J B**	5.0	1.6	ug/L			02/21/24 13:28	1

Client Sample ID: EW-7
Lab Sample ID: 500-246409-21
Date Collected: 02/18/24 10:35
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 13:28	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 13:28	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 13:28	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 13:28	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:28	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 13:28	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:28	1
Tetrachloroethene	**9.2**		1.0	0.37	ug/L			02/21/24 13:28	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 13:28	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 13:28	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 13:28	1
Trichloroethene	**2.8**		0.50	0.16	ug/L			02/21/24 13:28	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:28	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*02/21/24 13:28*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*02/21/24 13:28*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*02/21/24 13:28*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/21/24 13:28*	*1*

Client Sample ID: EW-8

Date Collected: 02/18/24 10:40
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-22

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	0.46	ug/L			02/21/24 13:52	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 13:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 13:52	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 13:52	1
1,1-Dichloroethane	**0.67**	J	1.0	0.41	ug/L			02/21/24 13:52	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 13:52	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 13:52	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 13:52	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 13:52	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:52	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 13:52	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 13:52	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 13:52	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 13:52	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:52	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 13:52	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:52	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 13:52	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 13:52	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 13:52	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 13:52	1
Acetone	<10		10	1.7	ug/L			02/21/24 13:52	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 13:52	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 13:52	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:52	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 13:52	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 13:52	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 13:52	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 13:52	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 13:52	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 13:52	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 13:52	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 13:52	1
cis-1,2-Dichloroethene	**25**		1.0	0.41	ug/L			02/21/24 13:52	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 13:52	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 13:52	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 13:52	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 13:52	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 13:52	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 13:52	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 13:52	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 13:52	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 13:52	1
Methylene Chloride	**4.2**	J B	5.0	1.6	ug/L			02/21/24 13:52	1

Client Sample ID: EW-8
Lab Sample ID: 500-246409-22
Date Collected: 02/18/24 10:40
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 13:52	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 13:52	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 13:52	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 13:52	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:52	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 13:52	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 13:52	1
Tetrachloroethene	**53**		1.0	0.37	ug/L			02/21/24 13:52	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 13:52	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 13:52	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 13:52	1
Trichloroethene	**4.5**		0.50	0.16	ug/L			02/21/24 13:52	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 13:52	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/21/24 13:52*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*02/21/24 13:52*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*02/21/24 13:52*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/21/24 13:52*	*1*

Client Sample ID: EW-9

Date Collected: 02/18/24 10:50
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-23

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	0.46	ug/L			02/21/24 14:17	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 14:17	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 14:17	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 14:17	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 14:17	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 14:17	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 14:17	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 14:17	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 14:17	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:17	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 14:17	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 14:17	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 14:17	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 14:17	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:17	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 14:17	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:17	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 14:17	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 14:17	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 14:17	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 14:17	1
Acetone	<10		10	1.7	ug/L			02/21/24 14:17	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 14:17	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:17	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:17	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 14:17	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 14:17	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 14:17	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 14:17	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 14:17	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 14:17	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 14:17	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 14:17	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 14:17	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 14:17	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 14:17	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 14:17	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 14:17	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 14:17	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 14:17	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 14:17	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 14:17	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 14:17	1
Methylene Chloride	3.9	J B	5.0	1.6	ug/L			02/21/24 14:17	1

Client Sample ID: EW-9
Lab Sample ID: 500-246409-23
Date Collected: 02/18/24 10:50
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 14:17	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 14:17	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 14:17	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 14:17	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:17	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 14:17	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:17	1
Tetrachloroethene	**45**		1.0	0.37	ug/L			02/21/24 14:17	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 14:17	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 14:17	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 14:17	1
Trichloroethene	**0.35**	**J**	0.50	0.16	ug/L			02/21/24 14:17	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:17	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/21/24 14:17*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*02/21/24 14:17*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*02/21/24 14:17*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*02/21/24 14:17*	*1*

Client Sample ID: EW-9 Dup

Date Collected: 02/18/24 10:50
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-24

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	0.46	ug/L			02/21/24 14:41	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 14:41	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 14:41	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 14:41	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 14:41	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 14:41	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 14:41	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 14:41	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 14:41	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:41	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 14:41	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 14:41	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 14:41	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 14:41	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:41	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 14:41	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:41	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 14:41	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 14:41	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 14:41	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 14:41	1
Acetone	<10		10	1.7	ug/L			02/21/24 14:41	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 14:41	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 14:41	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:41	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 14:41	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 14:41	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 14:41	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 14:41	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 14:41	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 14:41	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 14:41	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 14:41	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 14:41	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 14:41	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 14:41	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 14:41	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 14:41	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 14:41	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 14:41	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 14:41	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 14:41	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 14:41	1
Methylene Chloride	3.8	J B	5.0	1.6	ug/L			02/21/24 14:41	1

Client Sample ID: EW-9 Dup
Lab Sample ID: 500-246409-24
Date Collected: 02/18/24 10:50
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 14:41	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 14:41	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 14:41	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 14:41	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:41	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 14:41	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 14:41	1
Tetrachloroethene	**43**		1.0	0.37	ug/L			02/21/24 14:41	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 14:41	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 14:41	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 14:41	1
Trichloroethene	**0.41**	J	0.50	0.16	ug/L			02/21/24 14:41	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 14:41	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/21/24 14:41*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*02/21/24 14:41*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*02/21/24 14:41*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/21/24 14:41*	*1*

Client Sample ID: EW-10

Date Collected: 02/18/24 11:00
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-25

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	0.46	ug/L			02/21/24 15:05	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 15:05	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 15:05	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 15:05	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 15:05	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 15:05	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 15:05	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 15:05	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 15:05	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 15:05	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 15:05	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 15:05	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 15:05	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 15:05	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 15:05	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 15:05	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 15:05	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 15:05	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 15:05	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 15:05	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 15:05	1
Acetone	**3.4**	**J**	10	1.7	ug/L			02/21/24 15:05	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 15:05	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 15:05	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 15:05	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 15:05	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 15:05	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 15:05	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 15:05	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 15:05	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 15:05	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 15:05	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 15:05	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 15:05	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 15:05	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 15:05	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 15:05	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 15:05	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 15:05	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 15:05	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 15:05	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 15:05	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 15:05	1
Methylene Chloride	**3.9**	**J B**	5.0	1.6	ug/L			02/21/24 15:05	1

Client Sample ID: EW-10
Lab Sample ID: 500-246409-25
Date Collected: 02/18/24 11:00
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 15:05	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 15:05	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 15:05	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 15:05	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 15:05	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 15:05	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 15:05	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 15:05	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 15:05	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 15:05	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 15:05	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 15:05	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 15:05	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/21/24 15:05*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*02/21/24 15:05*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*02/21/24 15:05*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*02/21/24 15:05*	*1*

Client Sample ID: Trip Blank

Date Collected: 02/17/24 07:00
Date Received: 02/20/24 10:00

Lab Sample ID: 500-246409-26

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	0.46	ug/L			02/21/24 10:31	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 10:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 10:31	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 10:31	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 10:31	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 10:31	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 10:31	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 10:31	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 10:31	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:31	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 10:31	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 10:31	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 10:31	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 10:31	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:31	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 10:31	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:31	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 10:31	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 10:31	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 10:31	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 10:31	1
Acetone	<10		10	1.7	ug/L			02/21/24 10:31	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 10:31	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:31	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:31	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 10:31	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 10:31	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 10:31	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 10:31	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 10:31	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 10:31	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 10:31	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 10:31	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 10:31	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 10:31	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 10:31	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 10:31	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 10:31	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 10:31	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 10:31	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 10:31	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 10:31	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 10:31	1
Methylene Chloride	4.2	J B	5.0	1.6	ug/L			02/21/24 10:31	1

Client Sample ID: Trip Blank
Lab Sample ID: 500-246409-26
Date Collected: 02/17/24 07:00
Matrix: Water
Date Received: 02/20/24 10:00

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	0.34	ug/L			02/21/24 10:31	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 10:31	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 10:31	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 10:31	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:31	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 10:31	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:31	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 10:31	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 10:31	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 10:31	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 10:31	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 10:31	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:31	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 10:31*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*02/21/24 10:31*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*02/21/24 10:31*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/21/24 10:31*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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: 754933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-246409-1	RFW-1A	Total/NA	Water	8260D	
500-246409-2	RFW-1B	Total/NA	Water	8260D	
500-246409-3	RFW-2A	Total/NA	Water	8260D	
500-246409-4	RFW-2B	Total/NA	Water	8260D	
500-246409-5	RFW-3B	Total/NA	Water	8260D	
500-246409-6	RFW-4A	Total/NA	Water	8260D	
500-246409-7	RFW-4A Dup	Total/NA	Water	8260D	
500-246409-8	RFW-4B	Total/NA	Water	8260D	
500-246409-9	RFW-6	Total/NA	Water	8260D	
500-246409-10	RFW-7	Total/NA	Water	8260D	
500-246409-11	RFW-9	Total/NA	Water	8260D	
500-246409-12	RFW-11B	Total/NA	Water	8260D	
500-246409-13	RFW-12B	Total/NA	Water	8260D	
500-246409-14	RFW-13	Total/NA	Water	8260D	
500-246409-15	RFW-17	Total/NA	Water	8260D	
500-246409-16	EW-2	Total/NA	Water	8260D	
500-246409-17	EW-3	Total/NA	Water	8260D	
500-246409-18	EW-4	Total/NA	Water	8260D	
MB 500-754933/6	Method Blank	Total/NA	Water	8260D	
LCS 500-754933/4	Lab Control Sample	Total/NA	Water	8260D	
500-246409-10 MS	RFW-7	Total/NA	Water	8260D	
500-246409-10 MSD	RFW-7	Total/NA	Water	8260D	

Analysis Batch: 754937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-246409-19	EW-5	Total/NA	Water	8260D	
500-246409-20	EW-6	Total/NA	Water	8260D	
500-246409-21	EW-7	Total/NA	Water	8260D	
500-246409-22	EW-8	Total/NA	Water	8260D	
500-246409-23	EW-9	Total/NA	Water	8260D	
500-246409-24	EW-9 Dup	Total/NA	Water	8260D	
500-246409-25	EW-10	Total/NA	Water	8260D	
500-246409-26	Trip Blank	Total/NA	Water	8260D	
MB 500-754937/6	Method Blank	Total/NA	Water	8260D	
LCS 500-754937/4	Lab Control Sample	Total/NA	Water	8260D	

Surrogate Summary

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

Job ID: 500-246409-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-246409-1	RFW-1A	102	108	98	107
500-246409-2	RFW-1B	100	111	98	106
500-246409-3	RFW-2A	98	109	99	106
500-246409-4	RFW-2B	98	110	100	106
500-246409-5	RFW-3B	99	108	98	106
500-246409-6	RFW-4A	98	112	97	107
500-246409-7	RFW-4A Dup	99	109	100	106
500-246409-8	RFW-4B	100	112	100	106
500-246409-9	RFW-6	98	114	99	107
500-246409-10	RFW-7	100	110	97	107
500-246409-10 MS	RFW-7	101	108	99	107
500-246409-10 MSD	RFW-7	101	107	100	106
500-246409-11	RFW-9	97	110	98	107
500-246409-12	RFW-11B	100	109	99	106
500-246409-13	RFW-12B	99	109	98	107
500-246409-14	RFW-13	98	110	99	106
500-246409-15	RFW-17	98	111	97	108
500-246409-16	EW-2	102	110	101	107
500-246409-17	EW-3	102	111	100	107
500-246409-18	EW-4	102	115	101	108
500-246409-19	EW-5	99	110	94	95
500-246409-20	EW-6	100	108	92	94
500-246409-21	EW-7	103	107	98	93
500-246409-22	EW-8	99	107	95	93
500-246409-23	EW-9	100	111	93	96
500-246409-24	EW-9 Dup	99	110	95	93
500-246409-25	EW-10	98	111	93	94
500-246409-26	Trip Blank	102	107	95	93
LCS 500-754933/4	Lab Control Sample	97	102	98	107
LCS 500-754937/4	Lab Control Sample	101	104	96	93
MB 500-754933/6	Method Blank	102	108	100	104
MB 500-754937/6	Method Blank	102	103	93	93

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 500-754933/6
Matrix: Water
Analysis Batch: 754933

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	0.46	ug/L			02/21/24 09:58	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 09:58	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 09:58	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 09:58	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 09:58	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 09:58	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 09:58	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 09:58	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 09:58	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 09:58	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 09:58	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 09:58	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 09:58	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 09:58	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 09:58	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 09:58	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 09:58	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 09:58	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 09:58	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 09:58	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 09:58	1
Acetone	<10		10	1.7	ug/L			02/21/24 09:58	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 09:58	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 09:58	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 09:58	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 09:58	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 09:58	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 09:58	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 09:58	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 09:58	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 09:58	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 09:58	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 09:58	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 09:58	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 09:58	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 09:58	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 09:58	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 09:58	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 09:58	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 09:58	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 09:58	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 09:58	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 09:58	1

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

Lab Sample ID: MB 500-754933/6
Matrix: Water
Analysis Batch: 754933

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	4.25	J	5.0	1.6	ug/L			02/21/24 09:58	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/21/24 09:58	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 09:58	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 09:58	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 09:58	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 09:58	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 09:58	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 09:58	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 09:58	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 09:58	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 09:58	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 09:58	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 09:58	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 09:58	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 09:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 09:58*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*02/21/24 09:58*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*02/21/24 09:58*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*02/21/24 09:58*	*1*

Lab Sample ID: LCS 500-754933/4
Matrix: Water
Analysis Batch: 754933

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	48.8		ug/L		98	70 - 125
1,1,1-Trichloroethane	50.0	46.4		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	50.0	46.9		ug/L		94	62 - 140
1,1,2-Trichloroethane	50.0	46.4		ug/L		93	71 - 130
1,1-Dichloroethane	50.0	48.0		ug/L		96	70 - 125
1,1-Dichloroethene	50.0	46.7		ug/L		93	67 - 122
1,1-Dichloropropene	50.0	48.8		ug/L		98	70 - 121
1,2,3-Trichlorobenzene	50.0	46.6		ug/L		93	51 - 145
1,2,3-Trichloropropane	50.0	42.8		ug/L		86	50 - 133
1,2,4-Trichlorobenzene	50.0	47.2		ug/L		94	57 - 137
1,2,4-Trimethylbenzene	50.0	50.2		ug/L		100	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.7		ug/L		87	56 - 123
1,2-Dibromoethane	50.0	47.6		ug/L		95	70 - 125
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 125
1,2-Dichloroethane	50.0	46.3		ug/L		93	68 - 127
1,2-Dichloropropane	50.0	48.0		ug/L		96	67 - 130
1,3,5-Trimethylbenzene	50.0	50.8		ug/L		102	70 - 123
1,3-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 125
1,3-Dichloropropane	50.0	49.7		ug/L		99	62 - 136
1,4-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 120

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

Lab Sample ID: LCS 500-754933/4
Matrix: Water
Analysis Batch: 754933

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	46.5		ug/L		93	58 - 139
2-Chlorotoluene	50.0	49.7		ug/L		99	70 - 125
2-Hexanone	50.0	40.7		ug/L		81	54 - 146
4-Chlorotoluene	50.0	49.1		ug/L		98	68 - 124
Acetone	50.0	40.5		ug/L		81	40 - 143
Benzene	50.0	47.7		ug/L		95	70 - 120
Bromobenzene	50.0	48.9		ug/L		98	70 - 122
Bromochloromethane	50.0	47.7		ug/L		95	65 - 122
Bromodichloromethane	50.0	45.2		ug/L		90	69 - 120
Bromoform	50.0	45.1		ug/L		90	56 - 132
Bromomethane	50.0	42.9		ug/L		86	40 - 152
Carbon disulfide	50.0	51.1		ug/L		102	66 - 120
Carbon tetrachloride	50.0	47.0		ug/L		94	59 - 133
Chlorobenzene	50.0	49.5		ug/L		99	70 - 120
Chloroethane	50.0	43.0		ug/L		86	48 - 136
Chloroform	50.0	46.0		ug/L		92	70 - 120
Chloromethane	50.0	40.5		ug/L		81	56 - 152
cis-1,2-Dichloroethene	50.0	46.3		ug/L		93	70 - 125
cis-1,3-Dichloropropene	50.0	49.2		ug/L		98	64 - 127
Dibromochloromethane	50.0	46.8		ug/L		94	68 - 125
Dibromomethane	50.0	45.6		ug/L		91	70 - 120
Dichlorodifluoromethane	50.0	30.6		ug/L		61	40 - 159
Ethylbenzene	50.0	49.1		ug/L		98	70 - 123
Hexachlorobutadiene	50.0	49.0		ug/L		98	51 - 150
Isopropylbenzene	50.0	51.4		ug/L		103	70 - 126
m&p-Xylene	50.0	47.1		ug/L		94	70 - 125
Methyl Ethyl Ketone	50.0	40.5		ug/L		81	46 - 144
methyl isobutyl ketone	50.0	42.5		ug/L		85	55 - 139
Methylene Chloride	50.0	48.7		ug/L		97	69 - 125
Naphthalene	50.0	44.0		ug/L		88	53 - 144
n-Butylbenzene	50.0	52.7		ug/L		105	68 - 125
N-Propylbenzene	50.0	51.8		ug/L		104	69 - 127
o-Xylene	50.0	48.3		ug/L		97	70 - 120
p-Isopropyltoluene	50.0	52.0		ug/L		104	70 - 125
sec-Butylbenzene	50.0	51.9		ug/L		104	70 - 123
Styrene	50.0	49.6		ug/L		99	70 - 120
tert-Butylbenzene	50.0	50.9		ug/L		102	70 - 121
Tetrachloroethene	50.0	49.2		ug/L		98	70 - 128
Toluene	50.0	47.1		ug/L		94	70 - 125
trans-1,2-Dichloroethene	50.0	47.6		ug/L		95	70 - 125
trans-1,3-Dichloropropene	50.0	46.7		ug/L		93	62 - 128
Trichloroethene	50.0	46.6		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	43.7		ug/L		87	55 - 128
Vinyl chloride	50.0	40.9		ug/L		82	64 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*

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

Lab Sample ID: LCS 500-754933/4
Matrix: Water
Analysis Batch: 754933

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*107*		*75 - 120*

Lab Sample ID: 500-246409-10 MS
Matrix: Water
Analysis Batch: 754933

Client Sample ID: RFW-7
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	44.3		ug/L		89	70 - 125
1,1,1-Trichloroethane	<1.0		50.0	44.4		ug/L		89	70 - 125
1,1,2,2-Tetrachloroethane	<1.0		50.0	44.4		ug/L		89	62 - 140
1,1,2-Trichloroethane	<1.0		50.0	42.1		ug/L		84	71 - 130
1,1-Dichloroethane	<1.0		50.0	47.3		ug/L		95	70 - 125
1,1-Dichloroethene	<1.0		50.0	44.7		ug/L		89	67 - 122
1,1-Dichloropropene	<1.0		50.0	46.0		ug/L		92	70 - 121
1,2,3-Trichlorobenzene	<1.0		50.0	39.9		ug/L		80	51 - 145
1,2,3-Trichloropropane	<2.0		50.0	41.7		ug/L		83	50 - 133
1,2,4-Trichlorobenzene	<1.0		50.0	38.7		ug/L		77	57 - 137
1,2,4-Trimethylbenzene	<1.0		50.0	46.7		ug/L		93	70 - 123
1,2-Dibromo-3-Chloropropane	<5.0		50.0	40.2		ug/L		80	56 - 123
1,2-Dibromoethane	<1.0		50.0	42.8		ug/L		86	70 - 125
1,2-Dichlorobenzene	<1.0		50.0	45.5		ug/L		91	70 - 125
1,2-Dichloroethane	<1.0		50.0	44.7		ug/L		89	68 - 127
1,2-Dichloropropane	<1.0		50.0	45.2		ug/L		90	67 - 130
1,3,5-Trimethylbenzene	<1.0		50.0	47.9		ug/L		96	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	44.1		ug/L		88	70 - 125
1,3-Dichloropropane	<1.0		50.0	45.5		ug/L		91	62 - 136
1,4-Dichlorobenzene	<1.0		50.0	44.2		ug/L		88	70 - 120
2,2-Dichloropropane	<5.0		50.0	46.3		ug/L		93	58 - 139
2-Chlorotoluene	<1.0		50.0	47.8		ug/L		96	70 - 125
2-Hexanone	<5.0		50.0	43.4		ug/L		87	54 - 146
4-Chlorotoluene	<1.0		50.0	46.8		ug/L		94	68 - 124
Acetone	<10		50.0	44.9		ug/L		90	40 - 143
Benzene	<0.50		50.0	44.8		ug/L		90	70 - 120
Bromobenzene	<1.0		50.0	45.9		ug/L		92	70 - 122
Bromochloromethane	<1.0		50.0	42.9		ug/L		86	65 - 122
Bromodichloromethane	<1.0		50.0	41.9		ug/L		84	69 - 120
Bromoform	<1.0		50.0	38.3		ug/L		77	56 - 132
Bromomethane	<3.0		50.0	57.7		ug/L		115	40 - 152
Carbon disulfide	<2.0		50.0	50.6		ug/L		101	66 - 120
Carbon tetrachloride	<1.0		50.0	44.4		ug/L		89	59 - 133
Chlorobenzene	<1.0		50.0	45.1		ug/L		90	70 - 120
Chloroethane	<5.0		50.0	54.1		ug/L		108	48 - 136
Chloroform	<2.0		50.0	43.6		ug/L		87	70 - 120
Chloromethane	<5.0		50.0	42.1		ug/L		84	56 - 152
cis-1,2-Dichloroethene	<1.0		50.0	43.6		ug/L		87	70 - 125
cis-1,3-Dichloropropene	<1.0		50.0	44.4		ug/L		89	64 - 127
Dibromochloromethane	<1.0		50.0	42.4		ug/L		85	68 - 125

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

Lab Sample ID: 500-246409-10 MS
Matrix: Water
Analysis Batch: 754933

Client Sample ID: RFW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromomethane	<1.0		50.0	41.8		ug/L		84	70 - 120
Dichlorodifluoromethane	<3.0		50.0	31.8		ug/L		64	40 - 159
Ethylbenzene	<0.50		50.0	44.3		ug/L		89	70 - 123
Hexachlorobutadiene	<1.0		50.0	42.6		ug/L		85	51 - 150
Isopropylbenzene	<1.0		50.0	48.6		ug/L		97	70 - 126
m&p-Xylene	<1.0		50.0	42.7		ug/L		85	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	43.1		ug/L		86	46 - 144
methyl isobutyl ketone	<5.0		50.0	43.5		ug/L		87	55 - 139
Methylene Chloride	4.3	J B	50.0	47.6		ug/L		87	69 - 125
Naphthalene	<1.0		50.0	40.7		ug/L		81	53 - 144
n-Butylbenzene	<1.0		50.0	46.7		ug/L		93	68 - 125
N-Propylbenzene	<1.0		50.0	48.3		ug/L		97	69 - 127
o-Xylene	<0.50		50.0	44.3		ug/L		89	70 - 120
p-Isopropyltoluene	<1.0		50.0	46.9		ug/L		94	70 - 125
sec-Butylbenzene	<1.0		50.0	47.8		ug/L		96	70 - 123
Styrene	<1.0		50.0	44.3		ug/L		89	70 - 120
tert-Butylbenzene	<1.0		50.0	47.7		ug/L		95	70 - 121
Tetrachloroethene	<1.0		50.0	42.7		ug/L		85	70 - 128
Toluene	<0.50		50.0	43.6		ug/L		87	70 - 125
trans-1,2-Dichloroethene	<1.0		50.0	45.9		ug/L		92	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	42.2		ug/L		84	62 - 128
Trichloroethene	<0.50		50.0	41.3		ug/L		83	70 - 125
Trichlorofluoromethane	<1.0		50.0	45.8		ug/L		92	55 - 128
Vinyl chloride	<1.0		50.0	43.0		ug/L		86	64 - 126

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 120*
Toluene-d8 (Surr)	*107*		*75 - 120*

Lab Sample ID: 500-246409-10 MSD
Matrix: Water
Analysis Batch: 754933

Client Sample ID: RFW-7
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	47.5		ug/L		95	70 - 125	7	20
1,1,1-Trichloroethane	<1.0		50.0	48.3		ug/L		97	70 - 125	8	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	49.0		ug/L		98	62 - 140	10	20
1,1,2-Trichloroethane	<1.0		50.0	45.4		ug/L		91	71 - 130	7	20
1,1-Dichloroethane	<1.0		50.0	49.9		ug/L		100	70 - 125	5	20
1,1-Dichloroethene	<1.0		50.0	48.5		ug/L		97	67 - 122	8	20
1,1-Dichloropropene	<1.0		50.0	48.5		ug/L		97	70 - 121	5	20
1,2,3-Trichlorobenzene	<1.0		50.0	44.9		ug/L		90	51 - 145	12	20
1,2,3-Trichloropropane	<2.0		50.0	47.1		ug/L		94	50 - 133	12	20
1,2,4-Trichlorobenzene	<1.0		50.0	42.3		ug/L		85	57 - 137	9	20
1,2,4-Trimethylbenzene	<1.0		50.0	50.6		ug/L		101	70 - 123	8	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	44.7		ug/L		89	56 - 123	11	20

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

Lab Sample ID: 500-246409-10 MSD
Matrix: Water
Analysis Batch: 754933

Client Sample ID: RFW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	<1.0		50.0	46.1		ug/L		92	70 - 125	8	20
1,2-Dichlorobenzene	<1.0		50.0	48.5		ug/L		97	70 - 125	6	20
1,2-Dichloroethane	<1.0		50.0	48.1		ug/L		96	68 - 127	7	20
1,2-Dichloropropane	<1.0		50.0	49.9		ug/L		100	67 - 130	10	20
1,3,5-Trimethylbenzene	<1.0		50.0	52.1		ug/L		104	70 - 123	8	20
1,3-Dichlorobenzene	<1.0		50.0	47.8		ug/L		96	70 - 125	8	20
1,3-Dichloropropane	<1.0		50.0	48.5		ug/L		97	62 - 136	6	20
1,4-Dichlorobenzene	<1.0		50.0	47.8		ug/L		96	70 - 120	8	20
2,2-Dichloropropane	<5.0		50.0	50.1		ug/L		100	58 - 139	8	20
2-Chlorotoluene	<1.0		50.0	51.8		ug/L		104	70 - 125	8	20
2-Hexanone	<5.0		50.0	42.2		ug/L		84	54 - 146	3	20
4-Chlorotoluene	<1.0		50.0	50.8		ug/L		102	68 - 124	8	20
Acetone	<10		50.0	46.1		ug/L		92	40 - 143	3	20
Benzene	<0.50		50.0	47.5		ug/L		95	70 - 120	6	20
Bromobenzene	<1.0		50.0	50.2		ug/L		100	70 - 122	9	20
Bromochloromethane	<1.0		50.0	46.2		ug/L		92	65 - 122	7	20
Bromodichloromethane	<1.0		50.0	45.3		ug/L		91	69 - 120	8	20
Bromoform	<1.0		50.0	43.3		ug/L		87	56 - 132	12	20
Bromomethane	<3.0		50.0	59.6		ug/L		119	40 - 152	3	20
Carbon disulfide	<2.0		50.0	52.5		ug/L		105	66 - 120	4	20
Carbon tetrachloride	<1.0		50.0	47.9		ug/L		96	59 - 133	7	20
Chlorobenzene	<1.0		50.0	47.9		ug/L		96	70 - 120	6	20
Chloroethane	<5.0		50.0	57.0		ug/L		114	48 - 136	5	20
Chloroform	<2.0		50.0	46.0		ug/L		92	70 - 120	5	20
Chloromethane	<5.0		50.0	45.7		ug/L		91	56 - 152	8	20
cis-1,2-Dichloroethene	<1.0		50.0	45.9		ug/L		92	70 - 125	5	20
cis-1,3-Dichloropropene	<1.0		50.0	47.4		ug/L		95	64 - 127	7	20
Dibromochloromethane	<1.0		50.0	45.7		ug/L		91	68 - 125	7	20
Dibromomethane	<1.0		50.0	45.2		ug/L		90	70 - 120	8	20
Dichlorodifluoromethane	<3.0		50.0	34.1		ug/L		68	40 - 159	7	20
Ethylbenzene	<0.50		50.0	47.4		ug/L		95	70 - 123	7	20
Hexachlorobutadiene	<1.0		50.0	46.9		ug/L		94	51 - 150	9	20
Isopropylbenzene	<1.0		50.0	53.5		ug/L		107	70 - 126	10	20
m&p-Xylene	<1.0		50.0	45.9		ug/L		92	70 - 125	7	20
Methyl Ethyl Ketone	<5.0		50.0	44.9		ug/L		90	46 - 144	4	20
methyl isobutyl ketone	<5.0		50.0	44.8		ug/L		90	55 - 139	3	20
Methylene Chloride	4.3	J B	50.0	49.3		ug/L		90	69 - 125	3	20
Naphthalene	<1.0		50.0	44.3		ug/L		89	53 - 144	9	20
n-Butylbenzene	<1.0		50.0	50.0		ug/L		100	68 - 125	7	20
N-Propylbenzene	<1.0		50.0	53.1		ug/L		106	69 - 127	10	20
o-Xylene	<0.50		50.0	46.8		ug/L		94	70 - 120	5	20
p-Isopropyltoluene	<1.0		50.0	51.0		ug/L		102	70 - 125	8	20
sec-Butylbenzene	<1.0		50.0	52.2		ug/L		104	70 - 123	9	20
Styrene	<1.0		50.0	47.5		ug/L		95	70 - 120	7	20
tert-Butylbenzene	<1.0		50.0	52.1		ug/L		104	70 - 121	9	20
Tetrachloroethene	<1.0		50.0	45.5		ug/L		91	70 - 128	6	20
Toluene	<0.50		50.0	46.7		ug/L		93	70 - 125	7	20
trans-1,2-Dichloroethene	<1.0		50.0	47.7		ug/L		95	70 - 125	4	20
trans-1,3-Dichloropropene	<1.0		50.0	46.1		ug/L		92	62 - 128	9	20

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

Lab Sample ID: 500-246409-10 MSD
Matrix: Water
Analysis Batch: 754933

Client Sample ID: RFW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene	<0.50		50.0	44.9		ug/L		90	70 - 125	8	20
Trichlorofluoromethane	<1.0		50.0	48.5		ug/L		97	55 - 128	6	20
Vinyl chloride	<1.0		50.0	44.3		ug/L		89	64 - 126	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 120*
Toluene-d8 (Surr)	*106*		*75 - 120*

Lab Sample ID: MB 500-754937/6
Matrix: Water
Analysis Batch: 754937

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	0.46	ug/L			02/21/24 10:07	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/21/24 10:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/21/24 10:07	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/21/24 10:07	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/21/24 10:07	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/21/24 10:07	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/21/24 10:07	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/21/24 10:07	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/21/24 10:07	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:07	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/21/24 10:07	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/21/24 10:07	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/21/24 10:07	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/21/24 10:07	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:07	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/21/24 10:07	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:07	1
2,2-Dichloropropane	<5.0		5.0	0.44	ug/L			02/21/24 10:07	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/21/24 10:07	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/21/24 10:07	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/21/24 10:07	1
Acetone	<10		10	1.7	ug/L			02/21/24 10:07	1
Benzene	<0.50		0.50	0.15	ug/L			02/21/24 10:07	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/21/24 10:07	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:07	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/21/24 10:07	1
Bromoform	<1.0		1.0	0.48	ug/L			02/21/24 10:07	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/21/24 10:07	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/21/24 10:07	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/21/24 10:07	1

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

Lab Sample ID: MB 500-754937/6
Matrix: Water
Analysis Batch: 754937

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
Chloroethane	<5.0		5.0	0.51	ug/L			02/21/24 10:07	1
Chloroform	<2.0		2.0	0.37	ug/L			02/21/24 10:07	1
Chloromethane	<5.0		5.0	0.32	ug/L			02/21/24 10:07	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/21/24 10:07	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/21/24 10:07	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/21/24 10:07	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/21/24 10:07	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/21/24 10:07	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/21/24 10:07	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/21/24 10:07	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/21/24 10:07	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/21/24 10:07	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/21/24 10:07	1
Methylene Chloride	4.02	J	5.0	1.6	ug/L			02/21/24 10:07	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/21/24 10:07	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/21/24 10:07	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/21/24 10:07	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/21/24 10:07	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:07	1
Styrene	<1.0		1.0	0.39	ug/L			02/21/24 10:07	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/21/24 10:07	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/21/24 10:07	1
Toluene	<0.50		0.50	0.15	ug/L			02/21/24 10:07	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/21/24 10:07	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/21/24 10:07	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/21/24 10:07	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/21/24 10:07	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/21/24 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*02/21/24 10:07*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*02/21/24 10:07*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*02/21/24 10:07*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/21/24 10:07*	*1*

Lab Sample ID: LCS 500-754937/4
Matrix: Water
Analysis Batch: 754937

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	52.3		ug/L		105	70 - 125
1,1,1-Trichloroethane	50.0	55.8		ug/L		112	70 - 125
1,1,2,2-Tetrachloroethane	50.0	51.1		ug/L		102	62 - 140
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	71 - 130
1,1-Dichloroethane	50.0	53.7		ug/L		107	70 - 125

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

Lab Sample ID: LCS 500-754937/4
Matrix: Water
Analysis Batch: 754937

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	50.0	52.4		ug/L		105	67 - 122
1,1-Dichloropropene	50.0	56.0		ug/L		112	70 - 121
1,2,3-Trichlorobenzene	50.0	43.6		ug/L		87	51 - 145
1,2,3-Trichloropropane	50.0	56.5		ug/L		113	50 - 133
1,2,4-Trichlorobenzene	50.0	45.9		ug/L		92	57 - 137
1,2,4-Trimethylbenzene	50.0	53.5		ug/L		107	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/L		90	56 - 123
1,2-Dibromoethane	50.0	54.0		ug/L		108	70 - 125
1,2-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 125
1,2-Dichloroethane	50.0	56.9		ug/L		114	68 - 127
1,2-Dichloropropane	50.0	56.5		ug/L		113	67 - 130
1,3,5-Trimethylbenzene	50.0	54.8		ug/L		110	70 - 123
1,3-Dichlorobenzene	50.0	54.5		ug/L		109	70 - 125
1,3-Dichloropropane	50.0	56.5		ug/L		113	62 - 136
1,4-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 120
2,2-Dichloropropane	50.0	51.2		ug/L		102	58 - 139
2-Chlorotoluene	50.0	55.8		ug/L		112	70 - 125
2-Hexanone	50.0	46.7		ug/L		93	54 - 146
4-Chlorotoluene	50.0	54.9		ug/L		110	68 - 124
Acetone	50.0	57.4		ug/L		115	40 - 143
Benzene	50.0	54.7		ug/L		109	70 - 120
Bromobenzene	50.0	57.9		ug/L		116	70 - 122
Bromochloromethane	50.0	54.3		ug/L		109	65 - 122
Bromodichloromethane	50.0	53.5		ug/L		107	69 - 120
Bromoform	50.0	48.7		ug/L		97	56 - 132
Bromomethane	50.0	39.5		ug/L		79	40 - 152
Carbon disulfide	50.0	49.4		ug/L		99	66 - 120
Carbon tetrachloride	50.0	55.5		ug/L		111	59 - 133
Chlorobenzene	50.0	54.2		ug/L		108	70 - 120
Chloroethane	50.0	43.3		ug/L		87	48 - 136
Chloroform	50.0	54.6		ug/L		109	70 - 120
Chloromethane	50.0	41.6		ug/L		83	56 - 152
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	70 - 125
cis-1,3-Dichloropropene	50.0	53.5		ug/L		107	64 - 127
Dibromochloromethane	50.0	50.4		ug/L		101	68 - 125
Dibromomethane	50.0	52.8		ug/L		106	70 - 120
Dichlorodifluoromethane	50.0	42.2		ug/L		84	40 - 159
Ethylbenzene	50.0	51.0		ug/L		102	70 - 123
Hexachlorobutadiene	50.0	53.4		ug/L		107	51 - 150
Isopropylbenzene	50.0	55.8		ug/L		112	70 - 126
m&p-Xylene	50.0	52.8		ug/L		106	70 - 125
Methyl Ethyl Ketone	50.0	58.5		ug/L		117	46 - 144
methyl isobutyl ketone	50.0	46.2		ug/L		92	55 - 139
Methylene Chloride	50.0	54.6		ug/L		109	69 - 125
Naphthalene	50.0	42.6		ug/L		85	53 - 144
n-Butylbenzene	50.0	48.2		ug/L		96	68 - 125
N-Propylbenzene	50.0	54.1		ug/L		108	69 - 127
o-Xylene	50.0	53.4		ug/L		107	70 - 120
p-Isopropyltoluene	50.0	52.0		ug/L		104	70 - 125

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

Lab Sample ID: LCS 500-754937/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 754937

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	50.0	51.8		ug/L		104	70 - 123
Styrene	50.0	51.7		ug/L		103	70 - 120
tert-Butylbenzene	50.0	55.1		ug/L		110	70 - 121
Tetrachloroethene	50.0	59.6		ug/L		119	70 - 128
Toluene	50.0	50.1		ug/L		100	70 - 125
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	70 - 125
trans-1,3-Dichloropropene	50.0	53.2		ug/L		106	62 - 128
Trichloroethene	50.0	56.4		ug/L		113	70 - 125
Trichlorofluoromethane	50.0	45.1		ug/L		90	55 - 128
Vinyl chloride	50.0	41.0		ug/L		82	64 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*93*		*75 - 120*

Lab Chronicle

Client: Weston Solutions Inc
Job ID: 500-246409-1
Project/Site: Stanley Black and Decker - Hampstead, MD

Client Sample ID: RFW-1A
Lab Sample ID: 500-246409-1
Date Collected: 02/17/24 13:45
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 10:22

Client Sample ID: RFW-1B
Lab Sample ID: 500-246409-2
Date Collected: 02/17/24 14:30
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 10:47

Client Sample ID: RFW-2A
Lab Sample ID: 500-246409-3
Date Collected: 02/17/24 14:20
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 11:11

Client Sample ID: RFW-2B
Lab Sample ID: 500-246409-4
Date Collected: 02/17/24 15:35
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 11:35

Client Sample ID: RFW-3B
Lab Sample ID: 500-246409-5
Date Collected: 02/18/24 14:10
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 11:59

Client Sample ID: RFW-4A
Lab Sample ID: 500-246409-6
Date Collected: 02/18/24 11:20
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 12:24

Client Sample ID: RFW-4A Dup
Lab Sample ID: 500-246409-7
Date Collected: 02/18/24 11:20
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 12:48

Client Sample ID: RFW-4B
Lab Sample ID: 500-246409-8
Date Collected: 02/18/24 12:00
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 13:12

Client Sample ID: RFW-6
Lab Sample ID: 500-246409-9
Date Collected: 02/17/24 11:00
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 13:36

Client Sample ID: RFW-7
Lab Sample ID: 500-246409-10
Date Collected: 02/17/24 10:10
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 14:01

Client Sample ID: RFW-9
Lab Sample ID: 500-246409-11
Date Collected: 02/18/24 10:10
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 14:25

Client Sample ID: RFW-11B
Lab Sample ID: 500-246409-12
Date Collected: 02/18/24 09:10
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 14:49

Client Sample ID: RFW-12B
Lab Sample ID: 500-246409-13
Date Collected: 02/18/24 13:20
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 15:13

Client Sample ID: RFW-13
Lab Sample ID: 500-246409-14
Date Collected: 02/17/24 12:05
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 16:02

Lab Chronicle

Client: Weston Solutions Inc
Job ID: 500-246409-1
Project/Site: Stanley Black and Decker - Hampstead, MD

Client Sample ID: RFW-17
Lab Sample ID: 500-246409-15
Date Collected: 02/17/24 13:15
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 16:26

Client Sample ID: EW-2
Lab Sample ID: 500-246409-16
Date Collected: 02/18/24 13:00
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 16:50

Client Sample ID: EW-3
Lab Sample ID: 500-246409-17
Date Collected: 02/18/24 07:30
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 17:15

Client Sample ID: EW-4
Lab Sample ID: 500-246409-18
Date Collected: 02/18/24 07:45
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754933	W1T	EET CHI	02/21/24 17:39

Client Sample ID: EW-5
Lab Sample ID: 500-246409-19
Date Collected: 02/18/24 07:55
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 12:33

Client Sample ID: EW-6
Lab Sample ID: 500-246409-20
Date Collected: 02/18/24 10:25
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 12:58

Client Sample ID: EW-7
Lab Sample ID: 500-246409-21
Date Collected: 02/18/24 10:35
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 13:28

Lab Chronicle

Client: Weston Solutions Inc
Job ID: 500-246409-1
Project/Site: Stanley Black and Decker - Hampstead, MD

Client Sample ID: EW-8
Lab Sample ID: 500-246409-22
Date Collected: 02/18/24 10:40
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 13:52

Client Sample ID: EW-9
Lab Sample ID: 500-246409-23
Date Collected: 02/18/24 10:50
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 14:17

Client Sample ID: EW-9 Dup
Lab Sample ID: 500-246409-24
Date Collected: 02/18/24 10:50
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 14:41

Client Sample ID: EW-10
Lab Sample ID: 500-246409-25
Date Collected: 02/18/24 11:00
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 15:05

Client Sample ID: Trip Blank
Lab Sample ID: 500-246409-26
Date Collected: 02/17/24 07:00
Matrix: Water
Date Received: 02/20/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	754937	W1T	EET CHI	02/21/24 10:31

Laboratory References:

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

Accreditation/Certification Summary

Client: Weston Solutions Inc
Job ID: 500-246409-1
Project/Site: Stanley Black and Decker - Hampstead, MD

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
California	State	2903	04-29-24
Georgia	State	N/A	04-29-24
Georgia (DW)	State	939	04-29-24
Hawaii	State	NA	04-29-24
Illinois	NELAP	IL00035	04-29-24
Indiana	State	C-IL-02	04-29-24
Iowa	State	082	05-01-24
Kansas	NELAP	E-10161	10-31-24
Kentucky (UST)	State	AI # 108083	04-29-24
Kentucky (WW)	State	KY90023	12-31-24
Louisiana (All)	NELAP	02046	06-30-24
Mississippi	State	NA	04-29-24
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
Wisconsin	State	999580010	08-31-24
Wyoming	State	8TMS-Q	04-29-24

Chain of Custody Record

640522 eurofins | Environment Testing America

MKE 232

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager Shawae Hayes	Site Contact Greg Fleischli	Date: 2/19/24	COC No 1 of 3 COCs
Company Name Western	Tel/Email:	Lab Contact.	Carrier: Fed Ex	Sampler
Address 1 Western Way	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip W Chester PA	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client
Phone 610 721 0583	TAT if different from Below _____			Lab Sampling
Fax	☐ 2 weeks			
Project Name Black + Decker	☐ 1 week			Job / SDG No 500-246409
Site Hampstead, MD	☐ 2 days			
PO #	☐ 1 day			

500-246409 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	2/17/24	1345	G	W	3			3	
2 RFW-1B	2/17/24	1430							
3 RFW-2A	2/17/24	1420							
4 RFW-2B	2/17/24	1535							
5 BFW-3B	2/18/24	1410							
6 RFW-4A	2/18/24	1120							
7 RFW-4A Dup	2/18/24	1120							
8 RFW-4B	2/18/24	1200							
9 RFW-6	2/17/24	1100							
10 RFW-7	2/17/24	1010							
11 RFW-9	2/18/24	1010							
12 RFW-11B	2/18/24	910	↓	↓	↓			↓	

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 5.0 Corr'd 4.3	Therm ID No

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	Western	2/19/24 1600			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by Laboratory by	Company	Date/Time
				EEN	2/20/24 1000

Chain of Custody Record

640521 eurofins | Environment Testing America

MKE 232

TAL-8210

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager Shaun Hayes	Site Contact:	Date:	COC No 2 of 3 COCs
Company Name Weston	Tel/Email:	Lab Contact:	Carrier:	Sampler
Address	Analysis Turnaround Time			For Lab Use Only.
City/State/Zip	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client
Phone	TAT if different from Below _____			Lab Sampling
Fax	☐ 2 weeks			
Project Name Buck + Decker	☐ 1 week			Job / SDG No 500-246409
Site	☐ 2 days			
PO #	☐ 1 day			

	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	2/18/24	1320	G	W	3			3	
14	RFW-13	2/17/24	1205							
15	RFW-17	2/17/24	1315							
16	EW-2	2/18/24	1300							
17	EW-3	2/18/24	730							
18	EW-4	2/18/24	745							
19	EW-5	2/18/24	755							
20	EW-6	2/18/24	1025							
21	EW-7	2/18/24	1035							
22	EW-8	2/18/24	1040							
23	EW-9	2/18/24	1050							
24	EW-9 Dup	2/18/24	1050							

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	Date/Time	Received by	Company	Date/Time
	Weston	2/19/24 1600			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
				TEKTA	2/20/24 1008

Chain of Custody Record

640520 eurofins | Environment Testing America

MKE 232

TAL-8210

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Shawn Hayes	Site Contact	Date:	COC No
Company Name: Western Black + Decker	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	☐ 1 week			
Site	☐ 2 days			Job / SDG No: 500-246409
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)														Sample Specific Notes
15 EW-10	2/18/24	1100	G	W	3			3													
16 Trip Blank	2/17/24	700	G	W	2			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	Date/Time	Received by	Company	Date/Time
	Western	2/19 1600			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
				BEDA	2/20/24 1000

Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 500-246409-1

Login Number: 246409
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	
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 2/27/2024 8:04:13 AM

JOB DESCRIPTION

Black & Decker Quarterly - 1Q2024

JOB NUMBER

680-246923-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

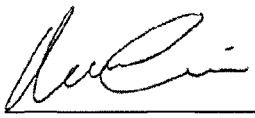
See page two for job notes and contact information.

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 Environment Testing Southeast, LLC Project Manager.

Authorization



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2/27/2024 8:04:13 AM

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

Job ID: 680-246923-1 — Eurofins Savannah

Job Narrative
680-246923-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD 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 2/20/2024 9:47 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 5.5°C.

Receipt Exceptions
All LTB vials have unacceptable bubbles. Okay to proceed with analysis of LTB vials per project manager (David Fuller).

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 - 1Q2024

Job ID: 680-246923-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-246923-1	Trip Blank	Water	02/16/24 14:00	02/20/24 09:47
680-246923-2	RFW-20	Water	02/17/24 09:05	02/20/24 09:47
680-246923-3	RFW-21	Water	02/17/24 08:20	02/20/24 09:47
680-246923-4	HAMP-22	Water	02/16/24 14:20	02/20/24 09:47
680-246923-5	HAMP-23	Water	02/16/24 14:25	02/20/24 09:47

Method Summary

Client: Weston Solutions Inc
Project/Site: Black & Decker Quarterly - 1Q2024

Job ID: 680-246923-1

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

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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

Client Sample ID: Trip Blank

Date Collected: 02/16/24 14:00
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-1
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	0.30	ug/L			02/23/24 17:46	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,1-Dichloroethane	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			02/23/24 17:46	1
1,2-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,2-Dichloropropane	<0.25		0.25	0.20	ug/L			02/23/24 17:46	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
2-Butanone (MEK)	<5.0		5.0	2.0	ug/L			02/23/24 17:46	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
2-Hexanone	<5.0		5.0	1.2	ug/L			02/23/24 17:46	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.5	ug/L			02/23/24 17:46	1
Acetone	4.4	J	5.0	2.0	ug/L			02/23/24 17:46	1
Benzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Bromobenzene	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
Bromoform	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Bromomethane	<0.50		0.50	0.40	ug/L			02/23/24 17:46	1
Carbon tetrachloride	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
Chlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
Chloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Chloroform	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Chloromethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
cis-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Dibromomethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			02/23/24 17:46	1
Dichlorodifluoromethane	<0.50		0.50	0.30	ug/L			02/23/24 17:46	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			02/23/24 17:46	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Ethylene Dibromide	<0.20		0.20	0.20	ug/L			02/23/24 17:46	1
Freon 113	<0.50		0.50	0.30	ug/L			02/23/24 17:46	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			02/23/24 17:46	1

Client Sample ID: Trip Blank
Date Collected: 02/16/24 14:00
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-1
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			02/23/24 17:46	1
Methylene Chloride	<0.50		0.50	0.40	ug/L			02/23/24 17:46	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			02/23/24 17:46	1
Naphthalene	<0.50		0.50	0.30	ug/L			02/23/24 17:46	1
n-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
o-Xylene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Styrene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			02/23/24 17:46	1
tert-Butyl alcohol	3.1		2.0	0.60	ug/L			02/23/24 17:46	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			02/23/24 17:46	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Toluene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
trans-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Trichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			02/23/24 17:46	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			02/23/24 17:46	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			02/23/24 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*75*		*70 - 130*		*02/23/24 17:46*	*1*
1,2-Dichlorobenzene-d4	*92*		*70 - 130*		*02/23/24 17:46*	*1*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*		*02/23/24 17:46*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/23/24 17:46*	*1*

Client Sample ID: RFW-20
Date Collected: 02/17/24 09:05
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-2
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	0.30	ug/L			02/23/24 16:12	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,1-Dichloroethane	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			02/23/24 16:12	1
1,2-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,2-Dichloropropane	<0.25		0.25	0.20	ug/L			02/23/24 16:12	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
2-Butanone (MEK)	<5.0		5.0	2.0	ug/L			02/23/24 16:12	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
2-Hexanone	<5.0		5.0	1.2	ug/L			02/23/24 16:12	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.5	ug/L			02/23/24 16:12	1
Acetone	<5.0		5.0	2.0	ug/L			02/23/24 16:12	1
Benzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Bromobenzene	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
Bromoform	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Bromomethane	<0.50		0.50	0.40	ug/L			02/23/24 16:12	1
Carbon tetrachloride	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
Chlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
Chloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Chloroform	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Chloromethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
cis-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Dibromomethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			02/23/24 16:12	1
Dichlorodifluoromethane	<0.50		0.50	0.30	ug/L			02/23/24 16:12	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			02/23/24 16:12	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Ethylene Dibromide	<0.20		0.20	0.20	ug/L			02/23/24 16:12	1
Freon 113	<0.50		0.50	0.30	ug/L			02/23/24 16:12	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			02/23/24 16:12	1

Client Sample ID: RFW-20
Date Collected: 02/17/24 09:05
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-2
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			02/23/24 16:12	1
Methylene Chloride	<0.50		0.50	0.40	ug/L			02/23/24 16:12	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			02/23/24 16:12	1
Naphthalene	<0.50		0.50	0.30	ug/L			02/23/24 16:12	1
n-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
o-Xylene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Styrene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			02/23/24 16:12	1
tert-Butyl alcohol	**0.65**	J	2.0	0.60	ug/L			02/23/24 16:12	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			02/23/24 16:12	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Toluene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
trans-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Trichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			02/23/24 16:12	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			02/23/24 16:12	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			02/23/24 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*79*		*70 - 130*		*02/23/24 16:12*	*1*
1,2-Dichlorobenzene-d4	*96*		*70 - 130*		*02/23/24 16:12*	*1*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*		*02/23/24 16:12*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/23/24 16:12*	*1*

Client Sample ID: RFW-21
Date Collected: 02/17/24 08:20
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-3
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	0.30	ug/L			02/23/24 16:35	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,1-Dichloroethane	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			02/23/24 16:35	1
1,2-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,2-Dichloropropane	<0.25		0.25	0.20	ug/L			02/23/24 16:35	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
2-Butanone (MEK)	<5.0		5.0	2.0	ug/L			02/23/24 16:35	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
2-Hexanone	<5.0		5.0	1.2	ug/L			02/23/24 16:35	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.5	ug/L			02/23/24 16:35	1
Acetone	<5.0		5.0	2.0	ug/L			02/23/24 16:35	1
Benzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Bromobenzene	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
Bromoform	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Bromomethane	<0.50		0.50	0.40	ug/L			02/23/24 16:35	1
Carbon tetrachloride	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
Chlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
Chloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Chloroform	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Chloromethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
cis-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Dibromomethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			02/23/24 16:35	1
Dichlorodifluoromethane	<0.50		0.50	0.30	ug/L			02/23/24 16:35	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			02/23/24 16:35	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Ethylene Dibromide	<0.20		0.20	0.20	ug/L			02/23/24 16:35	1
Freon 113	<0.50		0.50	0.30	ug/L			02/23/24 16:35	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			02/23/24 16:35	1

Client Sample ID: RFW-21
Date Collected: 02/17/24 08:20
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-3
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			02/23/24 16:35	1
Methylene Chloride	<0.50		0.50	0.40	ug/L			02/23/24 16:35	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			02/23/24 16:35	1
Naphthalene	<0.50		0.50	0.30	ug/L			02/23/24 16:35	1
n-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
o-Xylene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Styrene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			02/23/24 16:35	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			02/23/24 16:35	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			02/23/24 16:35	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Toluene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
trans-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Trichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			02/23/24 16:35	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			02/23/24 16:35	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			02/23/24 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*74*		*70 - 130*		*02/23/24 16:35*	*1*
1,2-Dichlorobenzene-d4	*91*		*70 - 130*		*02/23/24 16:35*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*02/23/24 16:35*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/23/24 16:35*	*1*

Client Sample ID: HAMP-22

Date Collected: 02/16/24 14:20
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-4

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	0.30	ug/L			02/23/24 16:59	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,1-Dichloroethane	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			02/23/24 16:59	1
1,2-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,2-Dichloropropane	<0.25		0.25	0.20	ug/L			02/23/24 16:59	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
2-Butanone (MEK)	<5.0		5.0	2.0	ug/L			02/23/24 16:59	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
2-Hexanone	<5.0		5.0	1.2	ug/L			02/23/24 16:59	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.5	ug/L			02/23/24 16:59	1
Acetone	<5.0		5.0	2.0	ug/L			02/23/24 16:59	1
Benzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Bromobenzene	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
Bromoform	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Bromomethane	<0.50		0.50	0.40	ug/L			02/23/24 16:59	1
Carbon tetrachloride	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
Chlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
Chloroethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Chloroform	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Chloromethane	**0.20**	J	0.50	0.20	ug/L			02/23/24 16:59	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
cis-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Dibromomethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			02/23/24 16:59	1
Dichlorodifluoromethane	<0.50		0.50	0.30	ug/L			02/23/24 16:59	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			02/23/24 16:59	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Ethylene Dibromide	<0.20		0.20	0.20	ug/L			02/23/24 16:59	1
Freon 113	<0.50		0.50	0.30	ug/L			02/23/24 16:59	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			02/23/24 16:59	1

Client Sample ID: HAMP-22
Date Collected: 02/16/24 14:20
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-4
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			02/23/24 16:59	1
Methylene Chloride	<0.50		0.50	0.40	ug/L			02/23/24 16:59	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			02/23/24 16:59	1
Naphthalene	<0.50		0.50	0.30	ug/L			02/23/24 16:59	1
n-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
o-Xylene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Styrene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			02/23/24 16:59	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			02/23/24 16:59	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			02/23/24 16:59	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Tetrachloroethene	1.2		0.50	0.20	ug/L			02/23/24 16:59	1
Toluene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
trans-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Trichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			02/23/24 16:59	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			02/23/24 16:59	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			02/23/24 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*72*		*70 - 130*		*02/23/24 16:59*	*1*
1,2-Dichlorobenzene-d4	*87*		*70 - 130*		*02/23/24 16:59*	*1*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*		*02/23/24 16:59*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*02/23/24 16:59*	*1*

Client Sample ID: HAMP-23
Date Collected: 02/16/24 14:25
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-5
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	0.30	ug/L			02/23/24 17:22	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,1-Dichloroethane	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			02/23/24 17:22	1
1,2-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,2-Dichloropropane	<0.25		0.25	0.20	ug/L			02/23/24 17:22	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
2-Butanone (MEK)	<5.0		5.0	2.0	ug/L			02/23/24 17:22	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
2-Hexanone	<5.0		5.0	1.2	ug/L			02/23/24 17:22	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.5	ug/L			02/23/24 17:22	1
Acetone	<5.0		5.0	2.0	ug/L			02/23/24 17:22	1
Benzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Bromobenzene	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
Bromoform	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Bromomethane	<0.50		0.50	0.40	ug/L			02/23/24 17:22	1
Carbon tetrachloride	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
Chlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
Chloroethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Chloroform	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Chloromethane	0.24	J	0.50	0.20	ug/L			02/23/24 17:22	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
cis-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Dibromomethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			02/23/24 17:22	1
Dichlorodifluoromethane	<0.50		0.50	0.30	ug/L			02/23/24 17:22	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			02/23/24 17:22	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Ethylene Dibromide	<0.20		0.20	0.20	ug/L			02/23/24 17:22	1
Freon 113	<0.50		0.50	0.30	ug/L			02/23/24 17:22	1
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			02/23/24 17:22	1

Client Sample ID: HAMP-23
Date Collected: 02/16/24 14:25
Date Received: 02/20/24 09:47

Lab Sample ID: 680-246923-5
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			02/23/24 17:22	1
Methylene Chloride	<0.50		0.50	0.40	ug/L			02/23/24 17:22	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			02/23/24 17:22	1
Naphthalene	<0.50		0.50	0.30	ug/L			02/23/24 17:22	1
n-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
o-Xylene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Styrene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			02/23/24 17:22	1
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			02/23/24 17:22	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			02/23/24 17:22	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Toluene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
trans-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Trichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			02/23/24 17:22	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			02/23/24 17:22	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			02/23/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*76*		*70 - 130*		*02/23/24 17:22*	*1*
1,2-Dichlorobenzene-d4	*91*		*70 - 130*		*02/23/24 17:22*	*1*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*		*02/23/24 17:22*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*02/23/24 17:22*	*1*

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

Lab Sample ID: MB 810-89725/6
Matrix: Water
Analysis Batch: 89725

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	0.30	ug/L			02/23/24 12:41	1
1,1,1-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,1,2-Trichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,1-Dichloroethane	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
1,1-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,1-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2,3-Trichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2-Dibromo-3-Chloropropane	<0.20		0.20	0.20	ug/L			02/23/24 12:41	1
1,2-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2-Dichloroethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,2-Dichloropropane	<0.25		0.25	0.20	ug/L			02/23/24 12:41	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,3-Dichlorobenzene	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
1,3-Dichloropropene, Total	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
1,4-Dichlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
2-Butanone (MEK)	<5.0		5.0	2.0	ug/L			02/23/24 12:41	1
2-Chlorotoluene	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
2-Hexanone	<5.0		5.0	1.2	ug/L			02/23/24 12:41	1
4-Chlorotoluene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
4-Isopropyltoluene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
4-Methyl-2-pentanone (MIBK)	<2.0		2.0	1.5	ug/L			02/23/24 12:41	1
Acetone	<5.0		5.0	2.0	ug/L			02/23/24 12:41	1
Benzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Bromobenzene	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
Bromoform	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Bromomethane	<0.50		0.50	0.40	ug/L			02/23/24 12:41	1
Carbon tetrachloride	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
Chlorobenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Chlorobromomethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Chlorodibromomethane	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
Chloroethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Chloroform	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Chloromethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
cis-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
cis-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Dibromomethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Dichlorobromomethane	<0.50		0.50	0.10	ug/L			02/23/24 12:41	1
Dichlorodifluoromethane	<0.50		0.50	0.30	ug/L			02/23/24 12:41	1
Diisopropyl ether	<0.50		0.50	0.50	ug/L			02/23/24 12:41	1
Ethylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Ethylene Dibromide	<0.20		0.20	0.20	ug/L			02/23/24 12:41	1
Freon 113	<0.50		0.50	0.30	ug/L			02/23/24 12:41	1

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

Lab Sample ID: MB 810-89725/6
Matrix: Water
Analysis Batch: 89725

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.25		0.25	0.20	ug/L			02/23/24 12:41	1
Isopropylbenzene	<0.25		0.25	0.20	ug/L			02/23/24 12:41	1
Methylene Chloride	<0.50		0.50	0.40	ug/L			02/23/24 12:41	1
m-Xylene & p-Xylene	<0.50		0.50	0.50	ug/L			02/23/24 12:41	1
Naphthalene	<0.50		0.50	0.30	ug/L			02/23/24 12:41	1
n-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
N-Propylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
o-Xylene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
sec-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Styrene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Tert-amyl methyl ether	<3.0		3.0	0.60	ug/L			02/23/24 12:41	1
Tert-butyl ethyl ether	<2.0		2.0	0.40	ug/L			02/23/24 12:41	1
tert-Butylbenzene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Tetrachloroethene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Toluene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
trans-1,2-Dichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
trans-1,3-Dichloropropene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Trichloroethene	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Trichlorofluoromethane	<0.50		0.50	0.20	ug/L			02/23/24 12:41	1
Vinyl chloride	<0.20		0.20	0.20	ug/L			02/23/24 12:41	1
Xylenes, Total	<0.50		0.50	0.50	ug/L			02/23/24 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*74*		*70 - 130*		*02/23/24 12:41*	*1*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*		*02/23/24 12:41*	*1*

Lab Sample ID: 680-246923-2 DU
Matrix: Water
Analysis Batch: 89725

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.50		<0.50		ug/L		NC	20
1,1,1-Trichloroethane	<0.50		<0.50		ug/L		NC	20
1,1,2,2-Tetrachloroethane	<0.50		<0.50		ug/L		NC	20
1,1,2-Trichloroethane	<0.50		<0.50		ug/L		NC	20
1,1-Dichloroethane	<0.50		<0.50		ug/L		NC	20
1,1-Dichloroethene	<0.50		<0.50		ug/L		NC	20
1,1-Dichloropropene	<0.50		<0.50		ug/L		NC	20
1,2,3-Trichlorobenzene	<0.50		<0.50		ug/L		NC	20
1,2,3-Trichloropropane	<0.50		<0.50		ug/L		NC	20
1,2,4-Trichlorobenzene	<0.50		<0.50		ug/L		NC	20
1,2,4-Trimethylbenzene	<0.50		<0.50		ug/L		NC	20
1,2-Dibromo-3-Chloropropane	<0.20		<0.20		ug/L		NC	20
1,2-Dichlorobenzene	<0.50		<0.50		ug/L		NC	20
1,2-Dichloroethane	<0.50		<0.50		ug/L		NC	20
1,2-Dichloropropane	<0.25		<0.25		ug/L		NC	20
1,3,5-Trimethylbenzene	<0.50		<0.50		ug/L		NC	20
1,3-Dichlorobenzene	<0.50		<0.50		ug/L		NC	20

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

Lab Sample ID: 680-246923-2 DU
Matrix: Water
Analysis Batch: 89725

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,3-Dichloropropane	<0.50		<0.50		ug/L		NC	20
1,3-Dichloropropene, Total	<0.50		<0.50		ug/L		NC	20
1,4-Dichlorobenzene	<0.50		<0.50		ug/L		NC	20
2,2-Dichloropropane	<0.50		<0.50		ug/L		NC	20
2-Butanone (MEK)	<5.0		<5.0		ug/L		NC	20
2-Chlorotoluene	<0.50		<0.50		ug/L		NC	20
2-Hexanone	<5.0		<5.0		ug/L		NC	20
4-Chlorotoluene	<0.50		<0.50		ug/L		NC	20
4-Isopropyltoluene	<0.50		<0.50		ug/L		NC	20
4-Methyl-2-pentanone (MIBK)	<2.0		<2.0		ug/L		NC	20
Acetone	<5.0		<5.0		ug/L		NC	20
Benzene	<0.50		<0.50		ug/L		NC	20
Bromobenzene	<0.50		<0.50		ug/L		NC	20
Bromoform	<0.50		<0.50		ug/L		NC	20
Bromomethane	<0.50		<0.50		ug/L		NC	20
Carbon tetrachloride	<0.50		<0.50		ug/L		NC	20
Chlorobenzene	<0.50		<0.50		ug/L		NC	20
Chlorobromomethane	<0.50		<0.50		ug/L		NC	20
Chlorodibromomethane	<0.50		<0.50		ug/L		NC	20
Chloroethane	<0.50		<0.50		ug/L		NC	20
Chloroform	<0.50		<0.50		ug/L		NC	20
Chloromethane	<0.50		<0.50		ug/L		NC	20
cis-1,2-Dichloroethene	<0.50		<0.50		ug/L		NC	20
cis-1,3-Dichloropropene	<0.50		<0.50		ug/L		NC	20
Dibromomethane	<0.50		<0.50		ug/L		NC	20
Dichlorobromomethane	<0.50		<0.50		ug/L		NC	20
Dichlorodifluoromethane	<0.50		<0.50		ug/L		NC	20
Diisopropyl ether	<0.50		<0.50		ug/L		NC	20
Ethylbenzene	<0.50		<0.50		ug/L		NC	20
Ethylene Dibromide	<0.20		<0.20		ug/L		NC	20
Freon 113	<0.50		<0.50		ug/L		NC	20
Hexachlorobutadiene	<0.25		<0.25		ug/L		NC	20
Isopropylbenzene	<0.25		<0.25		ug/L		NC	20
Methylene Chloride	<0.50		<0.50		ug/L		NC	20
m-Xylene & p-Xylene	<0.50		<0.50		ug/L		NC	20
Naphthalene	<0.50		<0.50		ug/L		NC	20
n-Butylbenzene	<0.50		<0.50		ug/L		NC	20
N-Propylbenzene	<0.50		<0.50		ug/L		NC	20
o-Xylene	<0.50		<0.50		ug/L		NC	20
sec-Butylbenzene	<0.50		<0.50		ug/L		NC	20
Styrene	<0.50		<0.50		ug/L		NC	20
Tert-amyl methyl ether	<3.0		<3.0		ug/L		NC	20
Tert-butyl ethyl ether	<2.0		<2.0		ug/L		NC	20
tert-Butylbenzene	<0.50		<0.50		ug/L		NC	20
Tetrachloroethene	<0.50		<0.50		ug/L		NC	20
Toluene	<0.50		<0.50		ug/L		NC	20
trans-1,2-Dichloroethene	<0.50		<0.50		ug/L		NC	20
trans-1,3-Dichloropropene	<0.50		<0.50		ug/L		NC	20
Trichloroethene	<0.50		<0.50		ug/L		NC	20

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

Lab Sample ID: 680-246923-2 DU
Matrix: Water
Analysis Batch: 89725

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Trichlorofluoromethane	<0.50		<0.50		ug/L		NC	20
Vinyl chloride	<0.20		<0.20		ug/L		NC	20
Xylenes, Total	<0.50		<0.50		ug/L		NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*79*		*70 - 130*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*

Lab Sample ID: MB 810-89756/6
Matrix: Water
Analysis Batch: 89756

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	<2.0		2.0	0.60	ug/L			02/23/24 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*89*		*70 - 130*		*02/23/24 12:41*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*02/23/24 12:41*	*1*

Lab Sample ID: 680-246923-2 DU
Matrix: Water
Analysis Batch: 89756

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
tert-Butyl alcohol	0.65	J	0.734	J	ug/L		12	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*

GC/MS VOA

Analysis Batch: 89725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246923-1	Trip Blank	Total/NA	Water	524.2	
680-246923-2	RFW-20	Total/NA	Water	524.2	
680-246923-3	RFW-21	Total/NA	Water	524.2	
680-246923-4	HAMP-22	Total/NA	Water	524.2	
680-246923-5	HAMP-23	Total/NA	Water	524.2	
MB 810-89725/6	Method Blank	Total/NA	Water	524.2	
680-246923-2 DU	RFW-20	Total/NA	Water	524.2	

Analysis Batch: 89756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-246923-1	Trip Blank	Total/NA	Water	524.2	
680-246923-2	RFW-20	Total/NA	Water	524.2	
680-246923-3	RFW-21	Total/NA	Water	524.2	
680-246923-4	HAMP-22	Total/NA	Water	524.2	
680-246923-5	HAMP-23	Total/NA	Water	524.2	
MB 810-89756/6	Method Blank	Total/NA	Water	524.2	
680-246923-2 DU	RFW-20	Total/NA	Water	524.2	

Lab Chronicle

Client: Weston Solutions Inc
Project/Site: Black & Decker Quarterly - 1Q2024

Job ID: 680-246923-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-246923-1

Date Collected: 02/16/24 14:00
Matrix: Water
Date Received: 02/20/24 09:47

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	89725	02/23/24 17:46	DC	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	89756	02/23/24 17:46	DC	EA SB
	Instrument ID: GCMS-GE									

Client Sample ID: RFW-20

Lab Sample ID: 680-246923-2

Date Collected: 02/17/24 09:05
Matrix: Water
Date Received: 02/20/24 09:47

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	89725	02/23/24 16:12	DC	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	89756	02/23/24 16:12	DC	EA SB
	Instrument ID: GCMS-GE									

Client Sample ID: RFW-21

Lab Sample ID: 680-246923-3

Date Collected: 02/17/24 08:20
Matrix: Water
Date Received: 02/20/24 09:47

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	89725	02/23/24 16:35	DC	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	89756	02/23/24 16:35	DC	EA SB
	Instrument ID: GCMS-GE									

Client Sample ID: HAMP-22

Lab Sample ID: 680-246923-4

Date Collected: 02/16/24 14:20
Matrix: Water
Date Received: 02/20/24 09:47

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	89725	02/23/24 16:59	DC	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	89756	02/23/24 16:59	DC	EA SB
	Instrument ID: GCMS-GE									

Client Sample ID: HAMP-23

Lab Sample ID: 680-246923-5

Date Collected: 02/16/24 14:25
Matrix: Water
Date Received: 02/20/24 09:47

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	89725	02/23/24 17:22	DC	EA SB
	Instrument ID: GCMS-GE									
Total/NA	Analysis	524.2		1	5 mL	5 mL	89756	02/23/24 17:22	DC	EA SB
	Instrument ID: GCMS-GE									

Laboratory References:

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

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

244- ATLANTA

Eurofins Environment Testing

Client Information	Sampler: Greg Flasinski	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 680-143209-52012.1
Client Contact: ~~Mr. Tom Comuet~~ Greg Flasinski	Phone: 410 721 0583	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: MD	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 #: 0092682			
Email: Greg.Flasinski ~~tom.comuet~~@westonsolutions.com	WO #: 02501.004.005			
Project Name: Black & Decker Quarterly - Q2023	Project #: 68002345			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
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_Preserved - (MOD) Custom Sublist Template	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
Trip Blank	2/16/24	1400	G	Water	N		2		
RFW-20	2/17/24	905		Water					
RFW-21		820		Water					
HAMP-22	2/16/24	1420		Water			3		
HAMP-23	2/16/24	1425		Water					

680-246923 Chain of Custody

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
		2/19/24 1600	Weston			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/20/24 0947	Company EUROFINS

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.5/5.5

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: 680-764196.1
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 #: 680-246923-1
Address: 110 S Hill Street,	Due Date Requested: 3/1/2024			
City: South Bend	TAT Requested (days):			
State, Zip: IN, 46617	PO #:			
Phone: 574-233-4777(Tel) 574-233-8207(Fax)	WO #:			
Email:	Project #: 68002345			
Project Name: Black & Decker Quarterly - Q12024	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

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:							
Trip Blank (680-246923-1)	2/16/24	14:00 Eastern		Water			X	2	4.4 3.6 25 WET
RFW-20 (680-246923-2)	2/17/24	09:05 Eastern		Water			X	3	
RFW-21 (680-246923-3)	2/17/24	08:20 Eastern		Water			X	3	
HAMP-22 (680-246923-4)	2/16/24	14:20 Eastern		Water			X	3	
HAMP-23 (680-246923-5)	2/16/24	14:25 Eastern		Water			X	3	
									(a) LTB have unacceptable bubbles in vials + RW 2/21/24

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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ 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:	Company	Received by:	Date/Time:	Company
[signature]	2-20-24 1500	FM	Kameron Williams	2/21/24 0900	EA-SB
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:

Ver: 06/08/2021

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: 680-764196.1
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 #: 680-246923-1
Address: 110 S Hill Street,	Due Date Requested: 3/1/2024			
City: South Bend	TAT Requested (days):			
State, Zip: IN, 46617	PO #:			
Phone: 574-233-4777(Tel) 574-233-8207(Fax)	WO #:			
Email:	Project #: 68002345			
Project Name: Black & Decker Quarterly - Q12024	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

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:						
Trip Blank (680-246923-1)	2/16/24	14:00 Eastern		Water			X	2	4.4 3.6 25 WET
RFW-20 (680-246923-2)	2/17/24	09:05 Eastern		Water			X	3	
RFW-21 (680-246923-3)	2/17/24	08 20 Eastern		Water			X	3	
HAMP-22 (680-246923-4)	2/16/24	14:20 Eastern		Water			X	3	
HAMP-23 (680-246923-5)	2/16/24	14:25 Eastern		Water			X	3	
								*	Client Provided Sample Container (a) LTB have unacceptable bubbles in vials * rec OK to proceed 2/21/24 with analysis of LTB vials per David Fuller.

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	Company	Received by	Date/Time	Company
	2-20-24 1500		Kameron Williams	2/21/24 0900	EEA-SB
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:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 680-246923-1

Login Number: 246923
List Number: 1
Creator: Munro, Caroline

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: 680-246923-1

Login Number: 246923
List Number: 2
Creator: Williams, Kameron

List Source: Eurofins Eaton Analytical South Bend
List Creation: 02/21/24 12:24 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	Initial Temp: 4.4; Corrected Temp: 3.6
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	False	Client provided containers

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: Black & Decker Quarterly - 1Q2024

Job ID: 680-246923-1

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	07-31-24
Alabama	State	40700	06-30-24
Alaska	State	IN00035	06-30-24
Arizona	State	AZ0432	07-26-24
Arkansas (DW)	State	EPA IN00035	06-30-24
California	State	2920	06-30-24
Colorado	State	IN00035	02-29-24
Connecticut	State	PH-0132	03-31-24
Delaware (DW)	State	IN00035	06-30-24
Florida	NELAP	E87775	06-30-24
Georgia (DW)	State	929	06-30-24
Guam	State	23-011R	07-15-24
Hawaii	State	IN035	06-30-24
Idaho (DW)	State	IN00035	12-31-24
IL Dept. of Public Health (Micro)	State	17767	07-01-24
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	06-30-24
Massachusetts	State	M-IN035	06-30-24
MI - RadChem Recognition	State	9926	06-30-24
Michigan	State	9926	06-30-24
Minnesota	NELAP	1989807	12-31-24
Mississippi	State	IN00035	06-30-24
Missouri	State	880	09-30-24
Montana (DW)	State	CERT0026	01-01-25
Nebraska	State	NE-OS-05-04	06-30-24
Nevada	State	IN000352024-01	07-31-24
New Hampshire	NELAP	2124	11-05-24
New Jersey	NELAP	IN598	06-30-24
New Mexico	State	IN00035	06-30-24
New York	NELAP	11398	04-01-24
North Carolina (DW)	State	18700	07-31-24
North Dakota	State	R-035	06-30-24
Northern Mariana Islands (DW)	State	IN00035	06-30-24
Ohio	State	87775	06-30-24
Oklahoma	NELAP	D9508	08-31-24
Oregon	NELAP	4156	09-16-24
Pennsylvania	NELAP	68-00466	04-30-24
Puerto Rico	State	IN00035	04-01-24
Rhode Island	State	LAO00343	12-30-24
South Carolina	State	95005001	06-30-24
South Dakota (DW)	State	IN00035	06-30-24
Tennessee	State	TN02973	06-30-24
Texas	NELAP	T104704187-22-16	12-31-24

Accreditation/Certification Summary

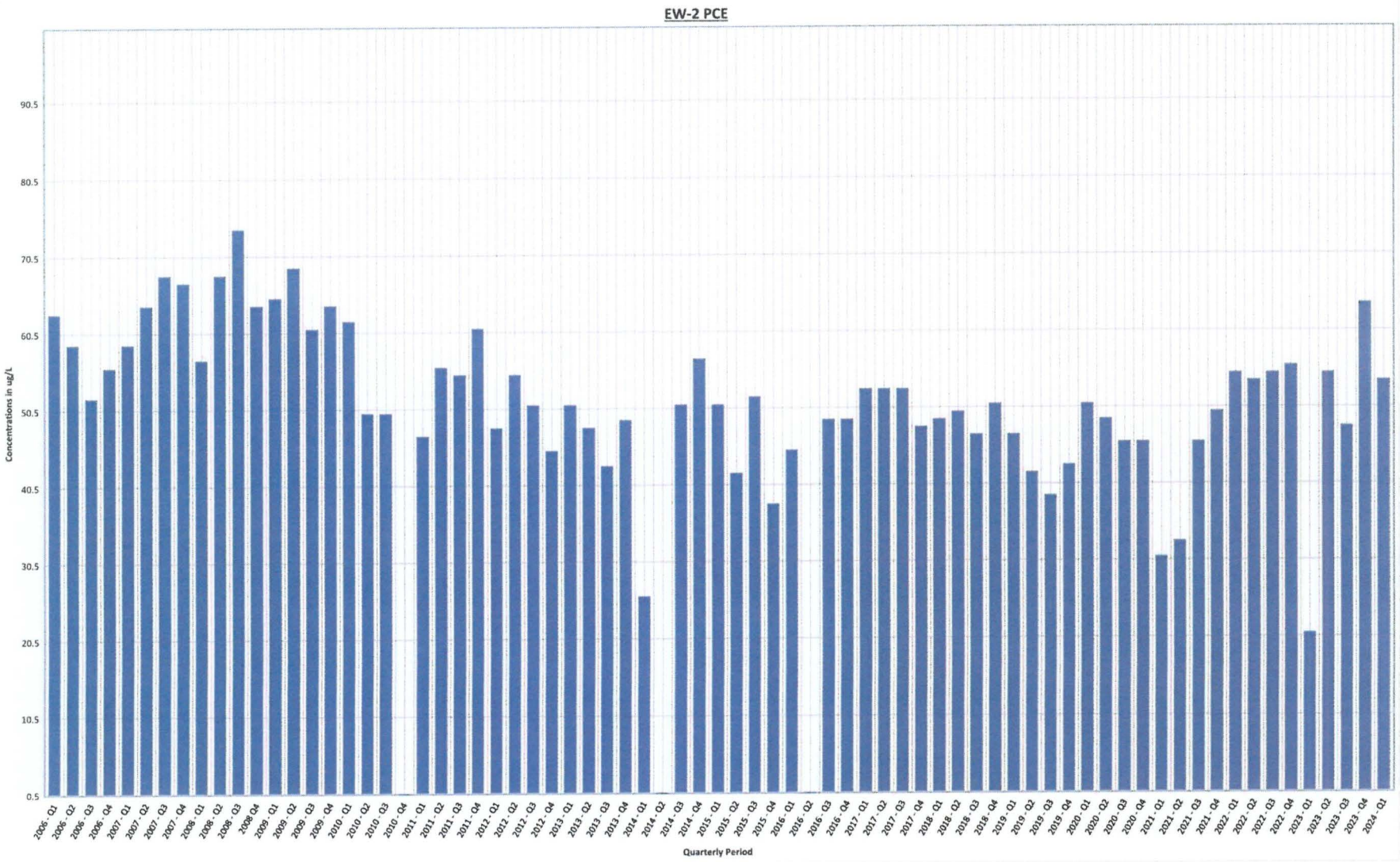
Client: Weston Solutions Inc
Job ID: 680-246923-1
Project/Site: Black & Decker Quarterly - 1Q2024

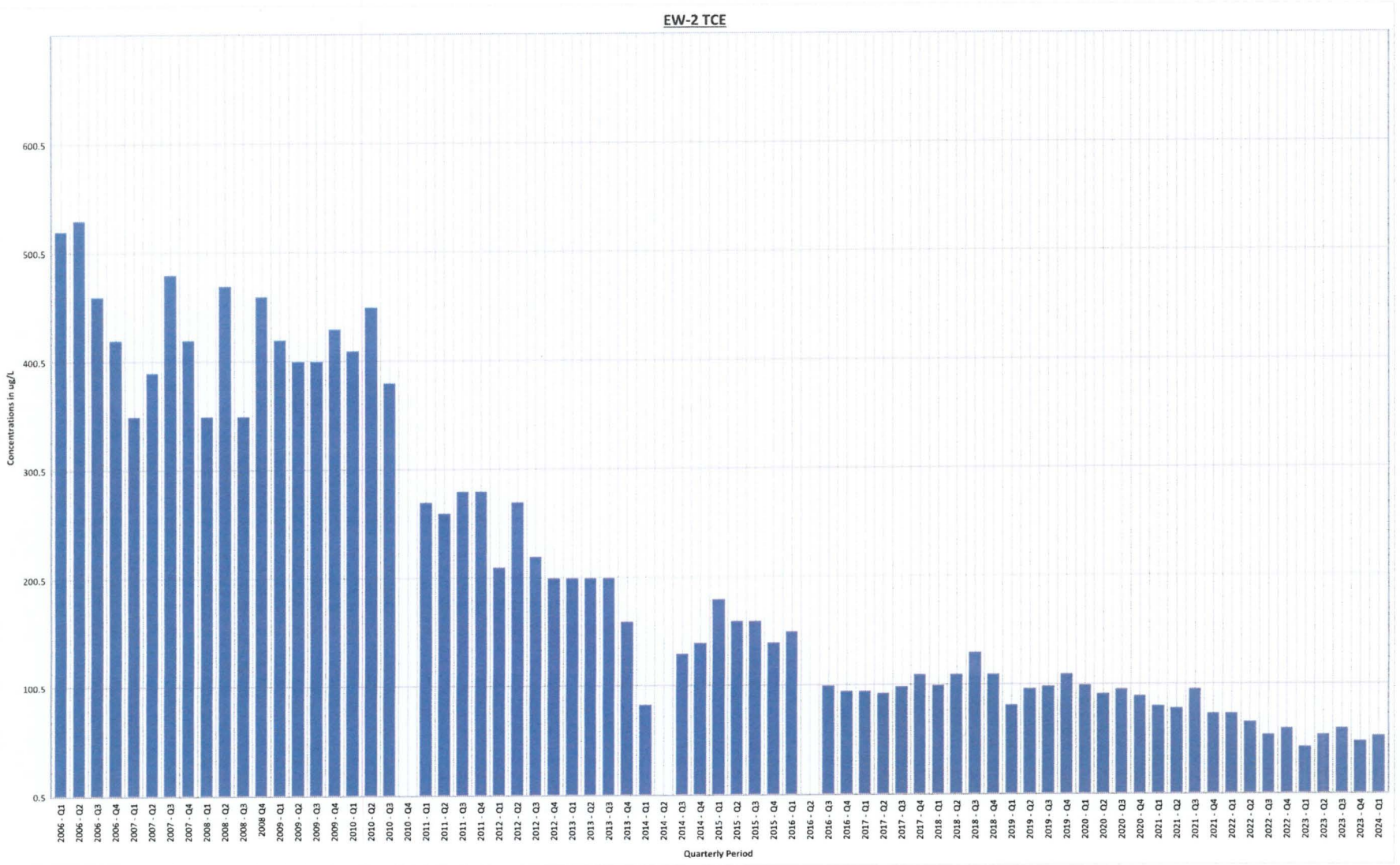
Laboratory: Eurofins Eaton Analytical South Bend (Continued)

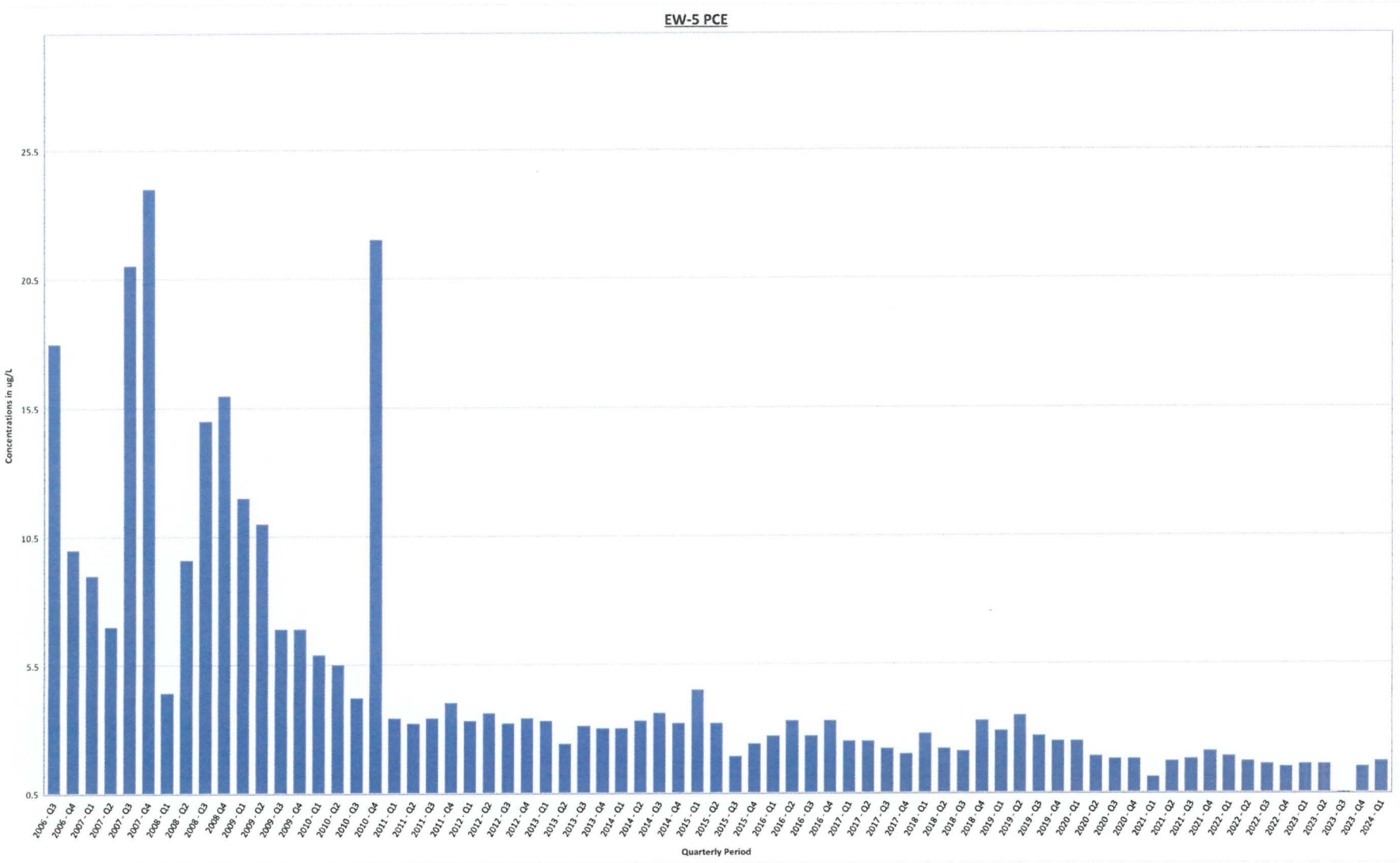
All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

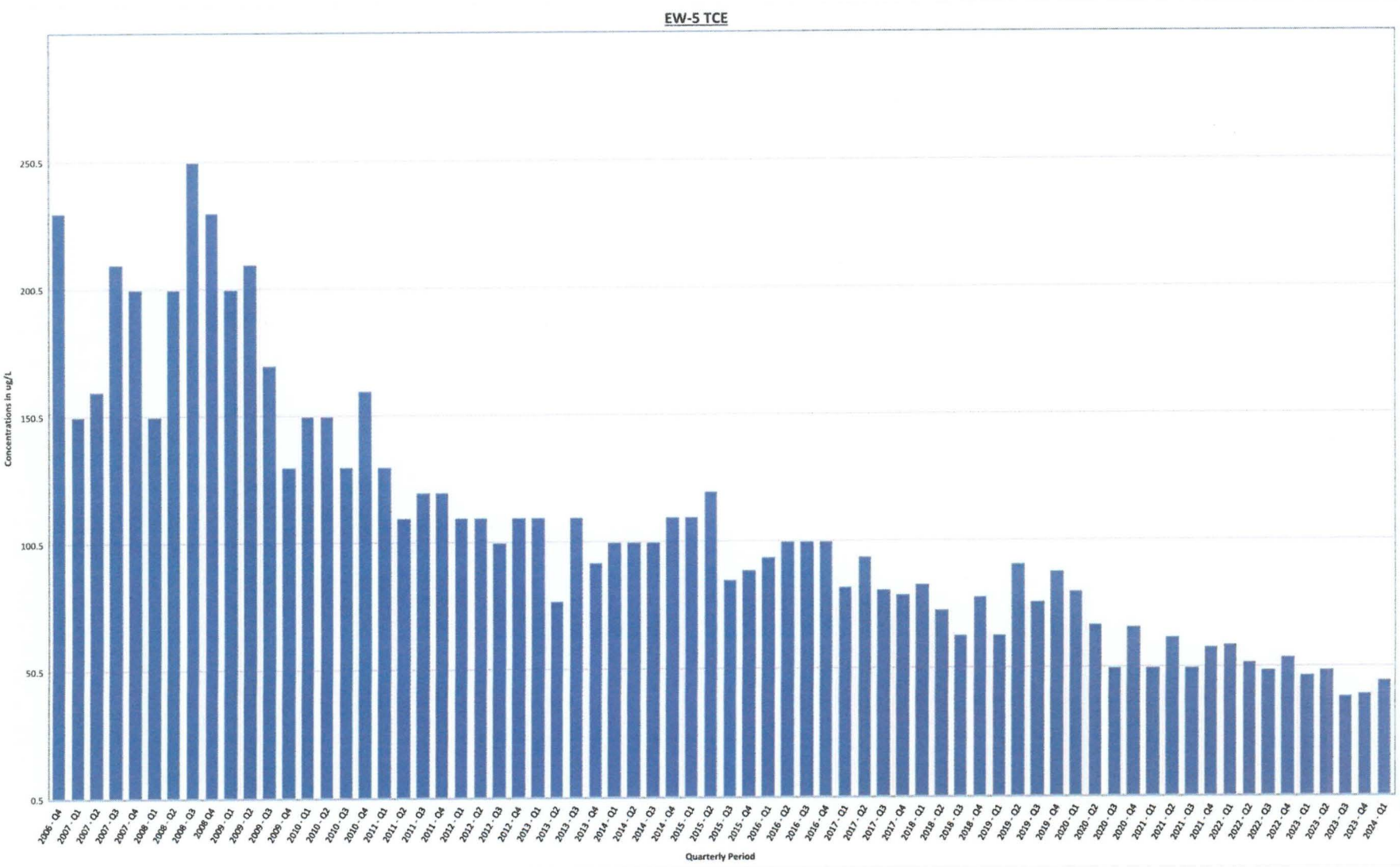
Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	TX207	06-30-24
USEPA Reg X SDWA	US Federal Programs	IN00035	08-24-24
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-24
Vermont	State	VT-8775	11-15-24
Virginia	NELAP	460275	03-14-24
Washington	State	C837	01-01-25
West Virginia (DW)	State	9927 C	01-31-25
Wisconsin	State	999766900	08-31-24
Wisconsin (Micro)	State	10121	12-31-24
Wyoming	State	8TMS-L	06-30-24

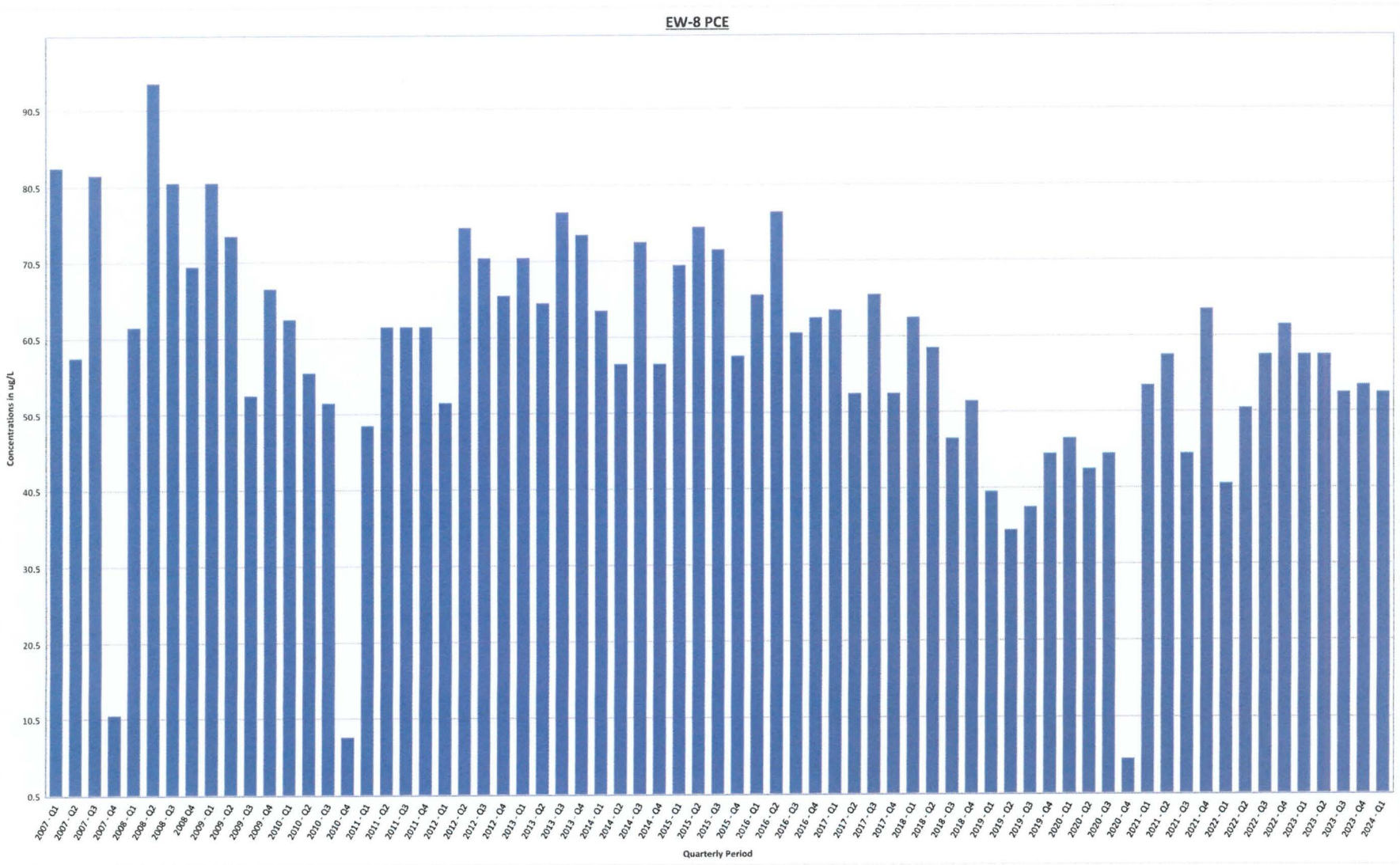
APPENDIX E
TCE AND PCE HISTOGRAM GRAPHS FOR SELECT WELLS


EW-2 PCE
Concentrations in ug/L
90.5
80.5
70.5
60.5
50.5
40.5
30.5
20.5
10.5
0.5
Quarterly Period


EW-2 TCE
Concentrations in ug/L
600.5
500.5
400.5
300.5
200.5
100.5
0.5
Quarterly Period
2006 - Q1
2006 - Q2
2006 - Q3
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
2010 - Q1
2010 - Q2
2010 - Q3
2010 - Q4
2011 - Q1
2011 - Q2
2011 - Q3
2011 - Q4
2012 - Q1
2012 - Q2
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
2015 - Q4
2016 - Q1
2016 - Q2
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


EW-5 PCE
Concentrations in ug/L
25.5
20.5
15.5
10.5
5.5
0.5
Quarterly Period


EW-5 TCE
Concentrations in ug/L
250.5
200.5
150.5
100.5
50.5
0.5
Quarterly Period


EW-8 PCE
Concentrations in ug/L
90.5
80.5
70.5
60.5
50.5
40.5
30.5
20.5
10.5
0.5
Quarterly Period
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
2009 - Q2
2009 - Q3
2009 - Q4
2010 - Q1
2010 - Q2
2010 - Q3
2010 - Q4
2011 - Q1
2011 - Q2
2011 - Q3
2011 - Q4
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2012 - Q2
2012 - Q3
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2013 - Q2
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2013 - Q4
2014 - Q1
2014 - Q2
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2014 - Q4
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2016 - Q2
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2016 - Q4
2017 - Q1
2017 - Q2
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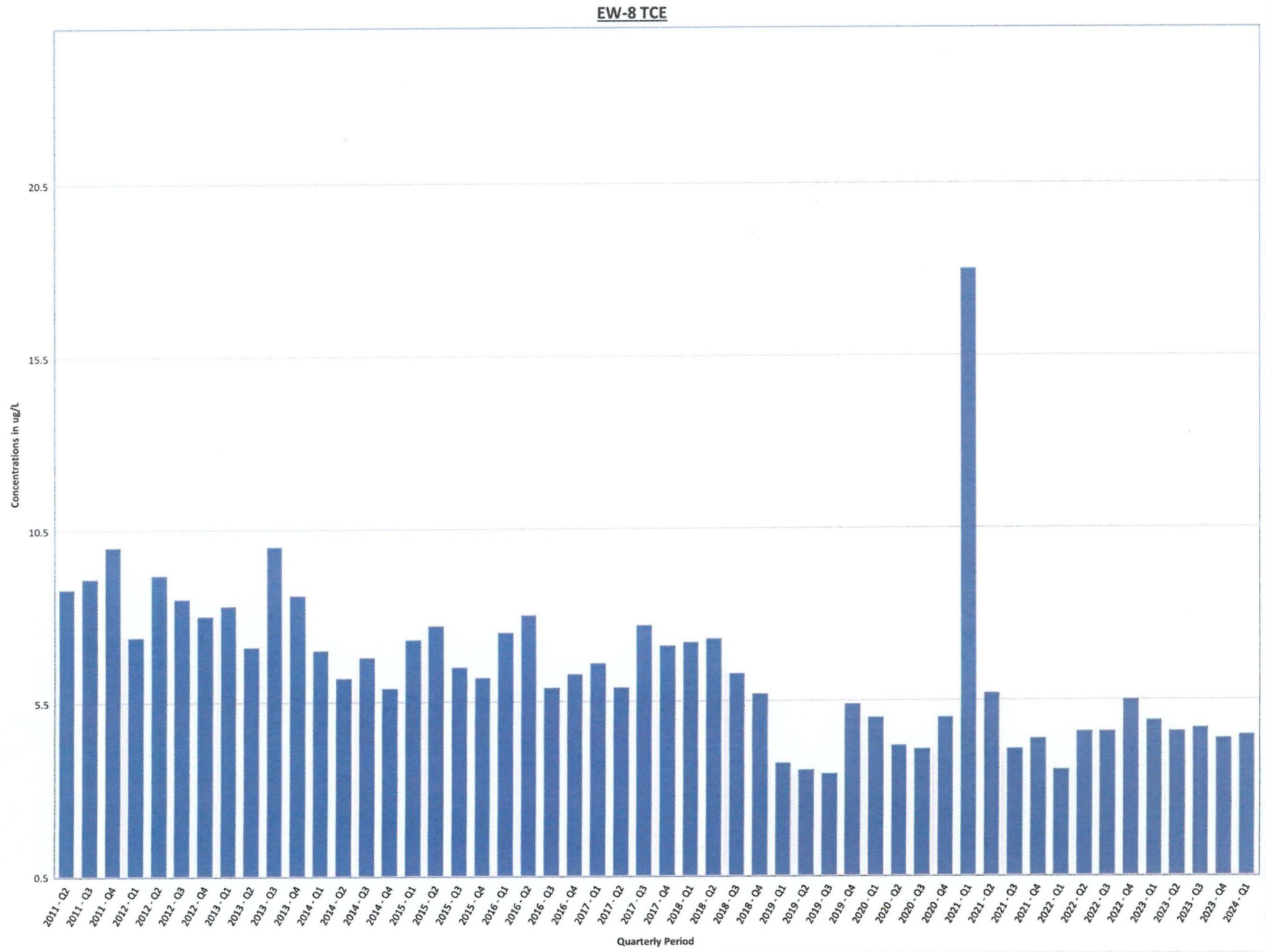
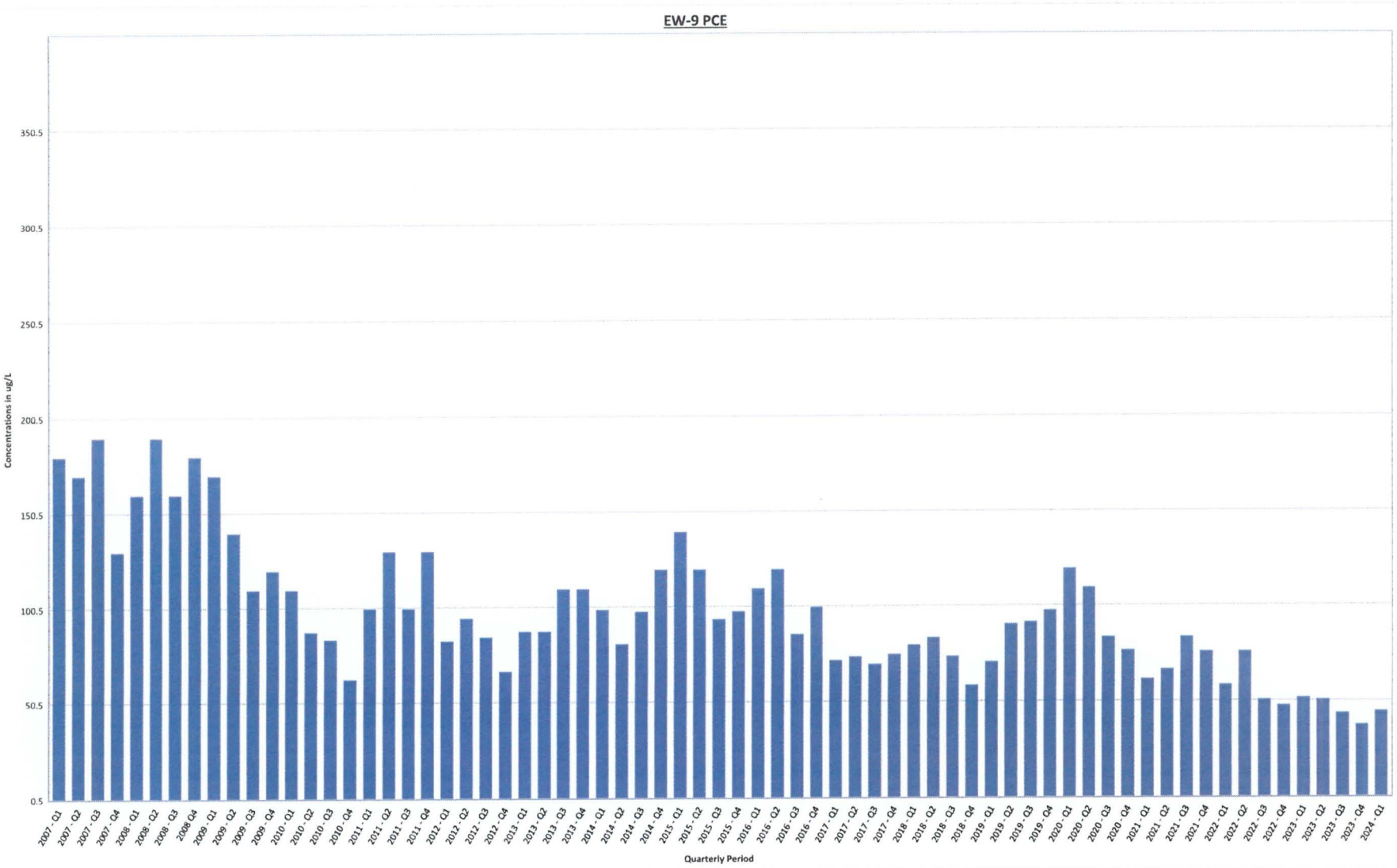
2020 - Q3
2020 - Q4
2021 - Q1
2021 - Q2
2021 - Q3
2021 - Q4
2022 - Q1
2022 - Q2
2022 - Q3
2022 - Q4
2023 - Q1
2023 - Q2
2023 - Q3
2023 - Q4
2024 - Q1


EW-8 TCE
20.5
15.5
10.5
5.5
0.5
Concentrations in ug/L
2011 - Q2
2011 - Q3
2011 - Q4
2012 - Q1
2012 - Q2
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
2015 - Q4
2016 - Q1
2016 - Q2
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
Quarterly Period


EW-9 PCE
Concentrations in ug/L
350.5
300.5
250.5
200.5
150.5
100.5
50.5
0.5
Quarterly Period
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
2009 - Q2
2009 - Q3
2009 - Q4
2010 - Q1
2010 - Q2
2010 - Q3
2010 - Q4
2011 - Q1
2011 - Q2
2011 - Q3
2011 - Q4
2012 - Q1
2012 - Q2
2012 - Q3
2012 - Q4
2013 - Q1
2013 - Q2
2013 - Q3
2013 - Q4
2014 - Q1
2014 - Q2
2014 - Q3
2014 - Q4
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2015 - Q4
2016 - Q1
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2016 - Q3
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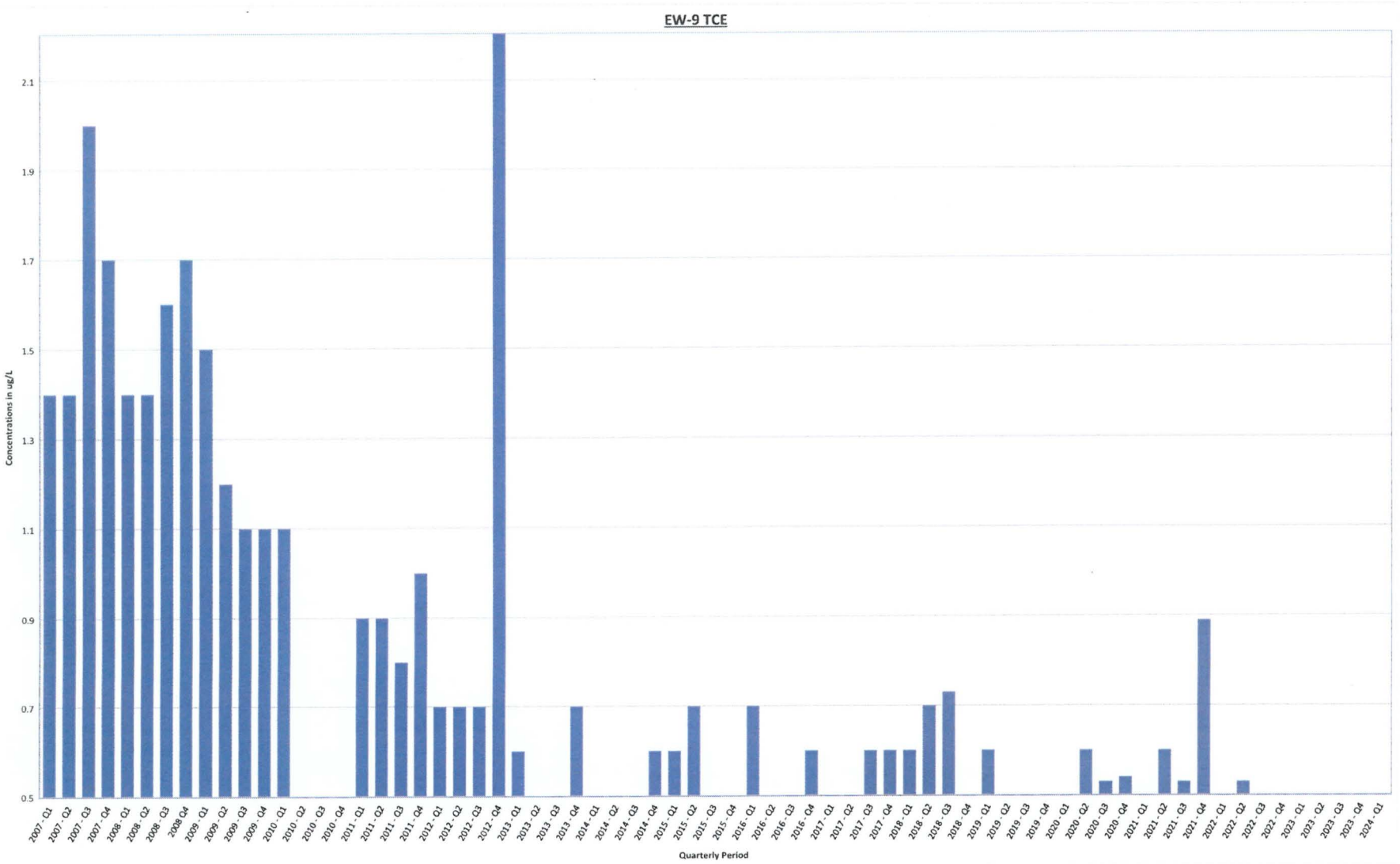
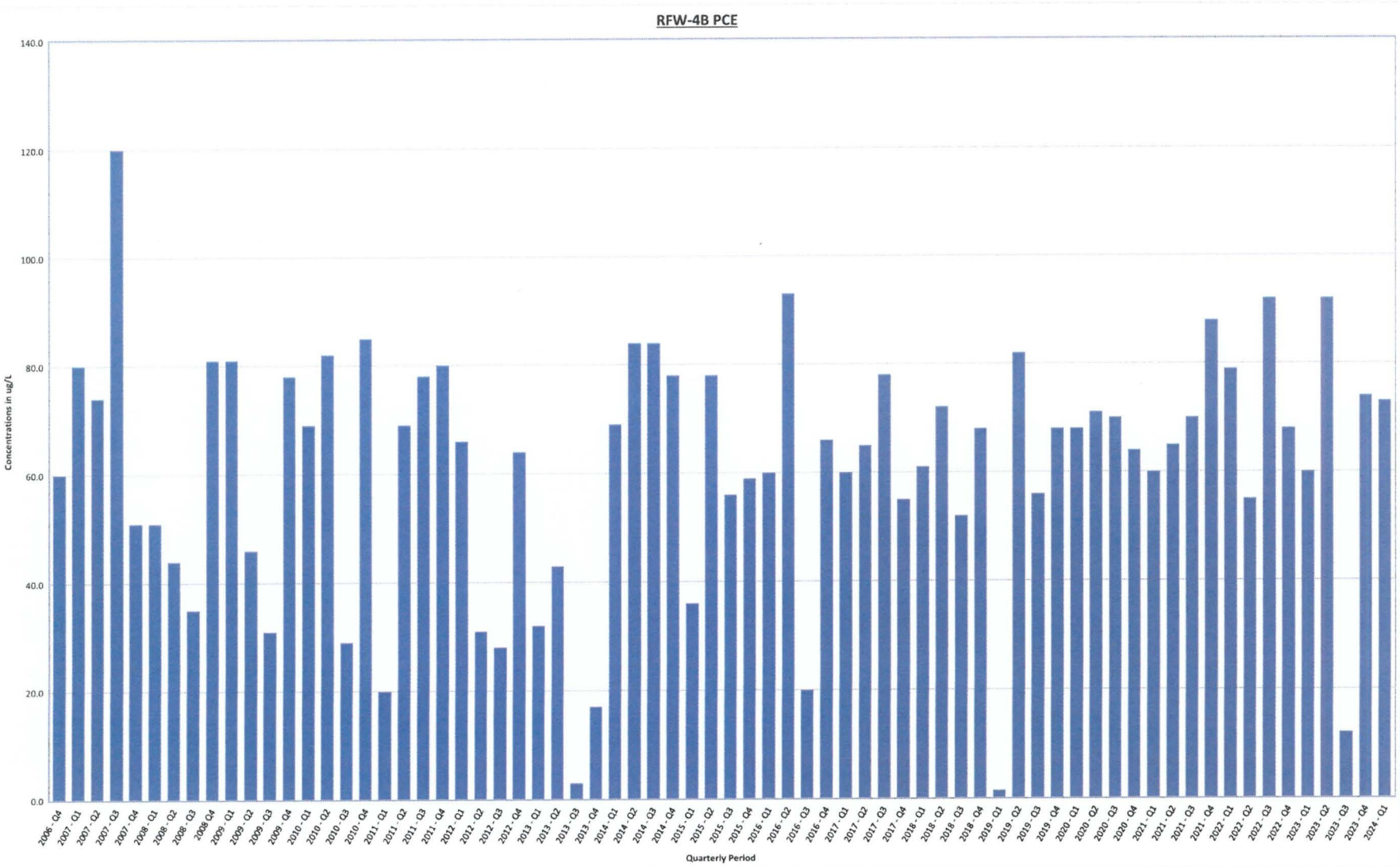
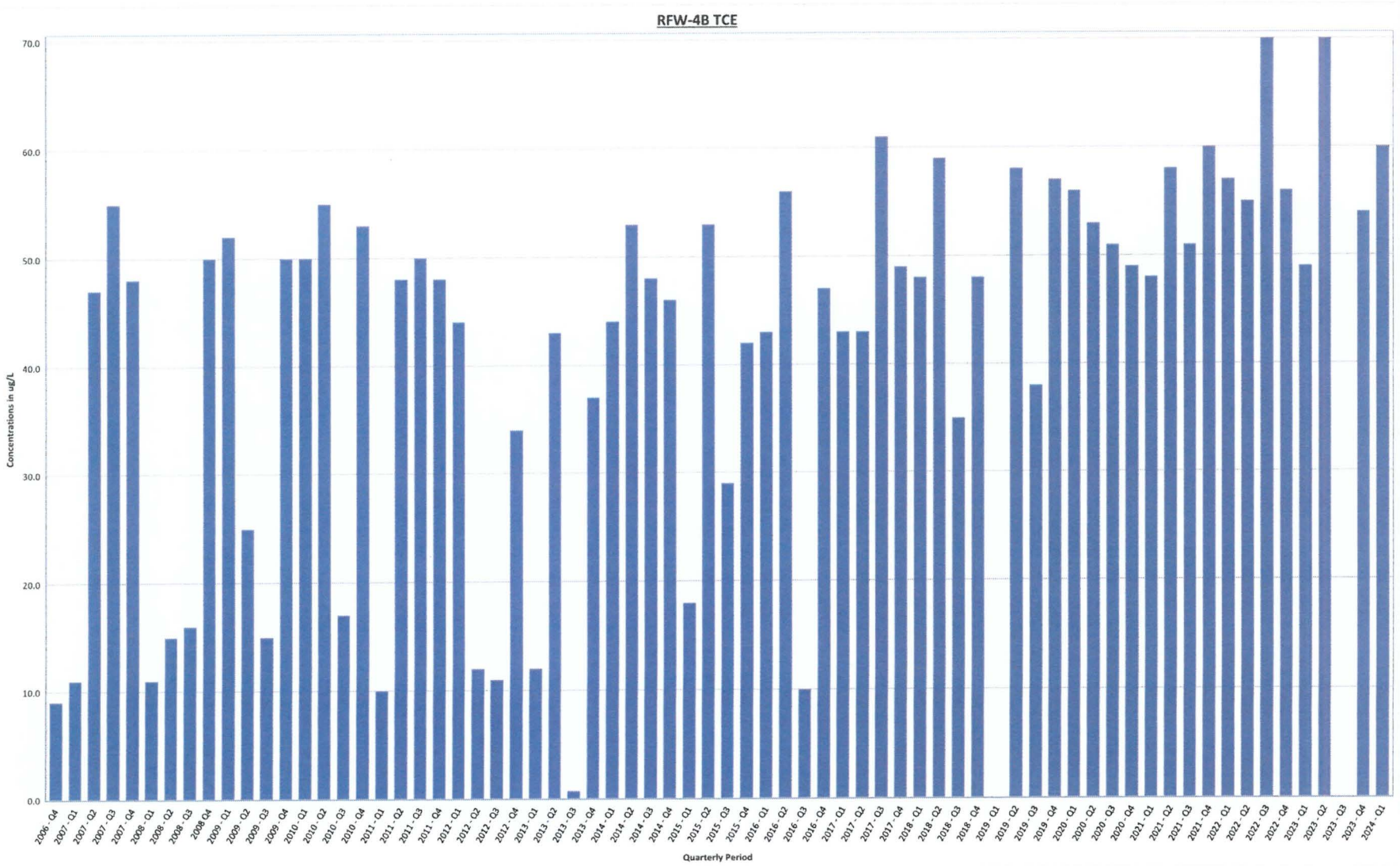
2017 - Q4
2018 - Q1
2018 - Q2
2018 - Q3
2018 - Q4
2019 - Q1
2019 - Q2
2019 - Q3
2019 - Q4
2020 - Q1
2020 - Q2
2020 - Q3
2020 - Q4
2021 - Q1
2021 - Q2
2021 - Q3
2021 - Q4
2022 - Q1
2022 - Q2
2022 - Q3
2022 - Q4
2023 - Q1
2023 - Q2
2023 - Q3
2023 - Q4
2024 - Q1


EW-9 TCE
Concentrations in ug/L
2.1
1.9
1.7
1.5
1.3
1.1
0.9
0.7
0.5
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
2009 - Q2
2009 - Q3
2009 - Q4
2010 - Q1
2010 - Q2
2010 - Q3
2010 - Q4
2011 - Q1
2011 - Q2
2011 - Q3
2011 - Q4
2012 - Q1
2012 - Q2
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
2015 - Q4
2016 - Q1
2016 - Q2
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
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
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Quarterly Period
2006 - Q4
2007 - Q1
2007 - Q2
2007 - Q3
2007 - Q4
2008 - Q1
2008 - Q2
2008 - Q3
2008 Q4
2009 - Q1
2009 - Q2
2009 - Q3
2009 - Q4
2010 - Q1
2010 - Q2
2010 - Q3
2010 - Q4
2011 - Q1
2011 - Q2
2011 - Q3
2011 - Q4
2012 - Q1
2012 - Q2
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
2015 - Q4
2016 - Q1
2016 - Q2
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