

# **Quarterly Groundwater Monitoring Report**

Prepared for

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

Hampstead, Maryland

April 2021

Prepared by

**WESTON SOLUTIONS, INC.**

**West Chester, Pennsylvania 19380-1499**

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# 1. INTRODUCTION

This Groundwater Monitoring Report has been prepared 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). Specifically, Condition IV.G calls for preparation of a Groundwater Monitoring Report containing the following information for each 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 issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of January through March 2021.

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 are included in Appendix A.

Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. For the reporting period of January through March 2021, the extraction wells were pumping at an average combined rate of approximately 172 gallons per minute (gpm).

### **2.2 EFFLUENT CHARACTERISTICS**

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration, on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of January through March 2021 are included in Appendix B.

### **2.3 GROUNDWATER QUALITY DATA**

For the reporting period of January through March 2021, approximately 7.63 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 trichloroethene (TCE) (50.8 %) and tetrachloroethene (PCE) (49.2 %). Analytical results of the groundwater collected from the air stripper for the period of January through March 2021 are included in Appendix C.

A summary of the analytical results from the first quarter (February 2021) groundwater sampling round of the extraction and monitor wells is presented in Table 2-4. The complete

**Table 2-1**  
**Treatment System Pumping Records - 1st Quarter 2021**  
**Stanley Black & Decker**  
**Hampstead, Maryland**

<b>Date</b>	<b>Water Pumped (gallons)</b>
<b>January 2021</b>	6,538,170
<b>February 2021</b>	5,773,353
<b>March 2021</b>	6,138,060

**Table 2-2  
Groundwater Elevation Data - 1st Quarter 2021  
Stanley Black & Decker  
Hampstead, Maryland**

WELL NO.	TOC ELEV.	TOTAL DEPTH	1/23/2021		2/9/2021		3/20/2021	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	90.50	758.71	90.50	758.71	92.00	757.21
EW-3	846.64	118	97.00	749.64	97.00	749.64	60.74	785.90
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	88.72	775.45	90.26	773.91	90.20	773.97
EW-6	831.98	115	89.88	742.10	90.60	741.38	91.15	740.83
EW-7	818.38	78	67.11	751.27	66.72	751.66	67.89	750.49
EW-8	811.13	98	94.00	717.13	94.00	717.13	94.00	717.13
EW-9	811.35	141	99.00	712.35	100.50	710.85	101.00	710.35
EW-10	807.74	NA	50.26	757.48	49.71	758.03	54.19	753.55
RFW-1A	864.37	78	52.63	811.74	52.79	811.58	52.51	811.86
RFW-1B	864.23	200	52.66	811.57	52.83	811.40	52.52	811.71
RFW-2A	857.41	35	15.93	841.48	15.15	842.26	15.26	842.15
RFW-2B	857.73	75	16.34	841.39	15.78	841.95	15.80	841.93
RFW-3B	839.21	153	34.38	804.83	35.47	803.74	34.73	804.48
RFW-4A	830.37	62	38.41	791.96	38.02	792.35	37.90	792.47
RFW-4B	830.37	120	38.30	792.07	37.88	792.49	37.67	792.70
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	4.62	780.42	3.66	781.38	4.31	780.73
RFW-7	805.14	29	5.17	799.97	4.55	800.59	5.02	800.12
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	26.70	835.32	26.49	835.53	27.08	834.94
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	56.42	793.20	56.52	793.10	52.02	797.60
RFW-12B	844.87	264	48.84	796.03	48.72	796.15	49.41	795.46
RFW-13	849.11	150	64.20	784.91	64.13	784.98	64.60	784.51
RFW-14B	812.39	281	55.11	757.28	52.82	759.57	53.13	759.26
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	27.18	807.48	26.96	807.70	27.07	807.59
RFW-20	842.49	142	35.50	806.99	35.67	806.82	35.59	806.90
RFW-21	832.65	102	23.22	809.43	23.17	809.48	23.40	809.25
PH-7	805.94	89	32.57	773.37	30.98	774.96	31.27	774.67
PH-9	814.94	98	41.82	773.12	40.73	774.21	40.86	774.08
PH-11	820.68	78	47.03	773.65	46.24	774.44	46.21	774.47
PH-12	828.35	87	32.40	795.95	31.26	797.09	31.41	796.94
B-3	803.02	83	NA	NC	NA	NC	NA	NC
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	1.46	803.50	0.98	803.98	1.26	803.70
Pembroke #1	NA	NA	10.92	NC	11.94	NC	11.36	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	10.07	NC	10.41	NC	9.88	NC
E. Century St.	NA	NA	12.88	NC	14.02	NC	12.92	NC
Lwr. Beckleys. Rd.	NA	NA	55.63	NC	55.82	NC	55.87	NC

NA - Not Available/Not Accessible  
NC - Not Calculable  
PC - Pump Cycles

**Table 2-3**  
**Effluent Characteristics Summary - 1st Quarter 2021**  
**Stanley Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	Discharge Monitoring Report Date		
				January 2021	February 2021	March 2021
001 (Monitoring Point)	FLOW	MGD	NA	0.103	0.125	0.071
		average				
		maximum	MGD	NA	0.668	0.471
	1,1,1-Trichloroethane	ug/l	5	NS	NS	NS
	Tetrachloroethylene	ug/l	5	NS	NS	NS
	Trichloroethylene	ug/l	5	NS	NS	NS
	Total Residual Chlorine	mg/l	<0.1	<0.1	<0.1	<0.1
	Oil & Grease	mg/l	15	<2	<2	<2
		monthly average	mg/l	10	<2	<2
		minimum	STD	6.0	7.2	7.3
		maximum	STD	8.5	7.5	7.6
BOD	mg/l	15	3.0	3.0	2.0	
TSS	mg/l	30	7	<5	<5	
	monthly average	mg/l	20	7	<5	
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)	FLOW	MGD	NA	NR	NR	0.205
		average				
		maximum	MGD	NA	NR	0.263
	1,1,1-Trichloroethane	ug/l	NA	NR	NR	<1
Tetrachloroethylene	ug/l	NA	NR	NR	<1	
Trichloroethylene	ug/l	NA	NR	NR	<1	

NA - Not Applicable

NR - Not Reported

NS - Analyte not sampled. The NPDES permit issued October 1, 2017, no longer requires these analytes to be sampled.



**Table 2-4**  
**Summary of Groundwater Analytical Results - February 2021**  
**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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/L	NS	10 U	10 U	10 U	10 U	10 U	10 U	2.8 J	2.5 J	10 U	10 U
Carbon Disulfide	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	1.3	1.8	1 U	1 U	1 U	3.7	0.7 J	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
2-Butanone	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	81	14	0.5 U	50	3.1	2.5	18	0.5 J	0.5 U	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	31	0.7 J	1 U	1.1	6.8	8.8	54	62	74	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
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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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

**Table 2-4  
Summary of Groundwater Analytical Results - February 2021  
Stanley Black & Decker  
Hampstead, Maryland**

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-4B (DUP)	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	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
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	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
Methylene Chloride	ug/L	5 U	2.3 J	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Acetone	ug/L	10	10 U	10 U	10 U	10 U	10 U	10 U	9.7 J	NS	7.2 J	34	NS	5.8 J	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	0.5 J	2.1	3	NS	1 U	1 U	NS	6.4	NS
Chloroform	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	1 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
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	18	48	65	NS	1.8	0.2 J	NS	3.6	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	5 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	9.5	60	78	NS	1.1	1 U	NS	2	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
Toluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	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

Notes: DUP = Duplicate sample  
 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

**Table 2-4  
Summary of Groundwater Analytical Results - February 2021  
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	Town #22	Town #23	Trip Blank
		USEPA drinking water method 524.2														
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	3 U	3 U	3 U	NS	3 U	ABD	ABD	ABD	3 U	1 U	5 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	10 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5.2 J	4.9 J	3.3 J	NS	10 U	ABD	ABD	ABD	10 U	10 U	100 U	10 U	10 U	10 U
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	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	5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	1.2	7.8	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	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	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	5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	5 U	10 U	10 U	10 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	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	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	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	0.5 U	5 U	0.5 U	0.5 U	0.5 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	5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	0.6	40	1.8	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	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	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	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	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	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	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	10 U	5 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	100 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	2.3	6	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	5 U	1.7	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	5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	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	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	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	5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	1.5 J	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

analytical data package is included in Appendix D.

As found in earlier sampling events at the Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentration of TCE was detected in the groundwater sample collected from well EW-2 and RFW-4B. The highest concentration of PCE was detected in the groundwater sample collected from well EW-9. and RFW-4B The remainder of VOCs present were detected at levels below the Federal Maximum Contaminant Levels (MCL).

### **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 2021) is presented in Table 3-1. 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 maintenance activities).

**Table 3-1**  
**Treatment System Maintenance Activities - 1st Quarter 2021**  
**Stanley Black & Decker**  
**Hampstead, Maryland**

<b>Date</b>	<b>Event/Corrective Action</b>
<b>Jan 21</b>	During routine O&M technician noticed that pump P11 was turning while in the off position. An inspection determined that the check valve downstream of pump had failed allowing water to back flow into pump P11. Replaced check value and returned pump P11 to service.
<b>Mar 21</b>	Alarm at the stripper, EW-3 went down. Turned off EW-3 and reset the system. EW-3 pump and motor removed from well and inspected. Determined that fitting connecting pump to poly line was highly corroded and pitted with holes. Replace pump and motor, fitting, and timing and cube relays. EW-3 return to service following repairs.

## 4. RECOMMENDATIONS

For the reporting period of January through March 2021, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

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**APPENDIX A**  
**GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS**  
**(JANUARY – MARCH 2021)**

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Month: February  
 Year: 2021  
 Certification # 1662  
 Superintendent: David Coale  
 Supervisor: David Coale  
 Certification # 1662

Date		Appearance		Discharge		pH	C12	Final Effluent outfall 001							Outfall 101						Outfall 201			Operator					
				MGD	su			mg/l	ug/l	Tetrahydroxydihydroxy	Trichloroethane	Trihaloethane	BOD <sub>5</sub>	TSS	TKN	N-N	TP	TN	O&G eColi	Flow MGD	eColi mpn	Basin Inches	Alum Gpd		Hypochlorite (ppm)	Post Cl2 mg/l	Tetrahydroxydihydroxy ug/l	Trichloroethane ug/l	Trihaloethane ug/l
1		Clear	0.21300	7.46	0.00													0"	0.0	0.0	0.0						0.245934	G. Scheller	
2		Clear	0.14900	7.48	0.00													0"	0.0	0.0	0.0						0.176413	G. Scheller	
3		Clear	0.12100															0"	0.0	0.0	0.0						0.253479	G. Scheller	
4		Clear	0.07700															0"	0.0	0.0	0.0						0.195515	S. Grissom	
5		Clear	0.07000															0"	0.0	0.0	0.0						0.205240	S. Grissom	
6		Clear	0.06900															0"	0.0	0.0	0.0						0.212071	G. Scheller	
7		Clear	0.13300															0"	0.0	0.0	0.0						0.153637	G. Scheller	
8		Clear	0.15900	7.45	0.00													0"	0.0	0.0	0.0						0.263331	G. Scheller	
9		Clear	0.07300	7.39	0.00													0"	0.0	0.0	0.0						0.205292	G. Scheller	
10		Clear	0.07900				2.80	<5				<0.1						0"	0.0	0.0	0.0						0.202152	G. Scheller	
11		Clear	0.10200															0"	0.0	0.0	0.0						0.152578	G. Scheller	
12		Clear	0.08900															0"	0.0	0.0	0.0						0.205328	G. Scheller	
13		Clear	0.08200															0"	0.0	0.0	0.0						0.196742	A. Phillips	
14		Clear	0.06900															0"	0.0	0.0	0.0						0.211050	A. Phillips	
15		Clear	0.10100	7.23	0.00													0"	0.0	0.0	0.0						0.255844	G. Scheller	
16		Clear	0.32200	7.34	0.00													0"	0.0	0.0	0.0						0.205999	G. Scheller	
17		Clear	0.12200															0"	0.0	0.0	0.0						0.200159	G. Scheller	
18		Clear	0.08300															0"	0.0	0.0	0.0						0.153663	G. Scheller	
19		Clear	0.23500															0"	0.0	0.0	0.0						0.206223	G. Scheller	
20		Clear	0.10200															0"	0.0	0.0	0.0						0.209373	D. Jones	
21		Clear	0.07300															0"	0.0	0.0	0.0						0.236050	D. Jones	
22		Clear	0.09800	7.30	0.00													0"	0.0	0.0	0.0						0.214111	G. Scheller	
23		Clear	0.14100	7.26	0.00													0"	0.0	0.0	0.0						0.202468	G. Scheller	
24		Clear	0.12700															0"	0.0	0.0	0.0						0.201668	G. Scheller	
25		Clear	0.18600															0"	0.0	0.0	0.0						0.189257	C. Dallas	
26		Clear	0.07900															0"	0.0	0.0	0.0						0.198068	C. Dallas	
27		Clear	0.18200															0"	0.0	0.0	0.0						0.219452	G. Scheller	
28		Clear	0.17200															0"	0.0	0.0	0.0						0.202256	G. Scheller	
29																													
30																													
31																													
Total			3.50800																									5.773353	
Average			0.12229				<0.10			3	0	###	###	0	###	0	###	###	###	###	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.206191	
Minimum			0.06900				0.00			3	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.152578	MOR
Maximum			0.32200				<0.10			3	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.263331	3/24/2021

ENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230  
 Facility: BTR Capital Group (MD0001881)  
 Address: 627 Hanover Pike, Hampstead Maryland  
 Additional Ops & cert # - Garrett Scheller 2500, Dorrance Jones 0763, Chris Dallas 6202, Austin Phillips 11136

Superintendent: David Coale  
 Certification # 1662

Month: March  
 Year: 2021

Date	Appearance	Discharge MGD	pH	Cl2 mg/l	Final Effluent outfall 001					Outfall 101					Outfall 201					Operator				
					Feasibility/Flow	1.1.1.1/Flow	1.1.1.1/Flow	1.1.1.1/Flow	1.1.1.1/Flow	Basin Inches	Alum Gpd	Hypochlorite opd	Post-Cl2 mg/l	Feasibility/Flow	1.1.1.1/Flow	1.1.1.1/Flow	1.1.1.1/Flow	1.1.1.1/Flow	Discharge mgd					
1	Clear	0.47100	7.46	0.00								0"	0.0	0.0	0.0								0.200610	G. Scheller
2	Clear	0.11200	7.31	0.00								0"	0.0	0.0	0.0								0.201660	G. Scheller
3	Clear	0.05900										0"	0.0	0.0	0.0								0.204225	G. Scheller
4	Clear	0.07200										0"	0.0	0.0	0.0								0.201130	G. Scheller
5	Clear	0.06200										0"	0.0	0.0	0.0								0.191357	G. Scheller
6	Clear	0.04200										0"	0.0	0.0	0.0								0.198895	D. Jones
7	Clear	0.03100										0"	0.0	0.0	0.0								0.164564	D. Jones
8	Clear	0.06900	7.61	0.00								0"	0.0	0.0	0.0								0.249340	G. Scheller
9	Clear	0.05000	7.40	0.00								0"	0.0	0.0	0.0								0.156718	G. Scheller
10	Clear	0.05600										0"	0.0	0.0	0.0								0.244907	G. Scheller
11	Clear	0.05100										0"	0.0	0.0	0.0								0.200785	G. Scheller
12	Clear	0.05900										0"	0.0	0.0	0.0								0.200862	G. Scheller
13	Clear	0.02500										0"	0.0	0.0	0.0								0.207418	C. Dallas
14	Clear	0.03500										0"	0.0	0.0	0.0								0.166564	C. Dallas
15	Clear	0.03100	7.45	0.00								0"	0.0	0.0	0.0								0.215873	G. Scheller
16	Clear	0.01200	7.57	0.00								0"	0.0	0.0	0.0								0.192025	G. Scheller
17	Clear	0.03900										0"	0.0	0.0	0.0								0.191740	G. Scheller
18	Clear	0.08200										0"	0.0	0.0	0.0								0.170003	A. Phillips
19	Clear	0.02200										0"	0.0	0.0	0.0								0.189050	A. Phillips
20	Clear	0.00600										0"	0.0	0.0	0.0								0.195069	G. Scheller
21	Clear	0.01700										0"	0.0	0.0	0.0								0.205073	G. Scheller
22	Clear	0.01900	7.43	0.00								0"	0.0	0.0	0.0								0.192737	G. Scheller
23	Clear	0.02100	7.46	0.00								0"	0.0	0.0	0.0								0.188194	G. Scheller
24	Clear	0.09300										0"	0.0	0.0	0.0								0.192471	G. Scheller
25	Clear	0.25500										0"	0.0	0.0	0.0								0.147422	G. Scheller
26	Clear	0.08100										0"	0.0	0.0	0.0								0.256489	G. Scheller
27	Clear	0.03800										0"	0.0	0.0	0.0								0.117212	D. Jones
28	Clear	0.05500										0"	0.0	0.0	0.0								0.220736	D. Jones
29	Clear	0.12100	7.36	0.00								0"	0.0	0.0	0.0								0.214732	G. Scheller
30	Clear	0.05000	7.40	0.00								0"	0.0	0.0	0.0								0.231306	G. Scheller
31	Clear	0.07600										0"	0.0	0.0	0.0								0.228616	G. Scheller
Total		2.21200																					6.137783	
Average		0.07135	<0.10		2	0	###	###	###	0	###	###	###	###	###	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.197993	
Minimum		0.00600	7.3	0.00	2	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.117212	MOR
Maximum		0.47100	7.6	<0.10	2	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.256489	4/15/2021

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**APPENDIX B  
DISCHARGE MONITORING REPORTS  
(JANUARY - MARCH 2021)**

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**DMR Copy of Record**

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

**Report Dates & Status**  
 Monitoring Period: From 01/01/21 to 01/31/21  
 DMR Due Date: 04/28/21  
 Status: NetDMR Validated

**Principal Executive Officer**  
 First Name:  
 Last Name:  
 Title:  
 Telephone:

**No Data Indicator (NODI)**  
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							GR - GRAB	
00400	pH	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							GR - GRAB	
00530	Solids, total suspended	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							GR - GRAB	
00556	Oil & Grease	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							GR - GRAB	
00665	Phosphorus, total [as P]	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							08 - COMP-8	
50060	Chlorine, total residual	1 - Effluent Cross	0	--	Sample Permit Req. Value NODI							MS - MEASRD	

**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**  
 2:\blackanddecker\WTP01.pdf  
 Type: pdf  
 Size: 1058911.0

**Report Last Saved By**  
 BTR HAMPSTEAD, LLC

**User**  
 Name: JAY JANNEY  
 E-Mail: jann@menv.com  
 Date/Time: 2021-02-25 09:49 (Time Zone: -05:00)

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 001 External Outfall  
 Report Dates & Status: From 01/01/21 to 01/31/21  
 Monitoring Period: From 01/01/21 to 01/31/21  
 Considerations for Form Completion: NetDMR Validated

**Permittee:** BTR HAMPSTEAD,LLC.  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
**Facility Location:** BTR HAMPSTEAD, LLC.  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074

**Discharge:** 001-A5 PROPOSED  
**DMR Due Date:** 02/28/21  
**Status:** NetDMR Validated  
**Telephone:**

**Form NODI:**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity of Loading		Quality of Concentration		# of Ex. Frequency of Analysis		Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1		Qualifier 2
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY MX	15 - deg F	2401 - Hourly	IT - Immersion Stabilization
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Req Mon MO AVG	C - No Discharge	Req Mon DAILY MX	03 - MGD	01/30 - Monthly			MS - MEASRD

**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**

2\BlackandDecker\WTF01.pdf

**Report Last Saved By**  
 BTR HAMPSTEAD,LLC.

**User:** JAYJANNEY  
**Name:** Jay Janney  
**E-Mail:** jjan@menv.com  
**Date/Time:** 2021-02-25 09:49 (Time Zone: -05:00)

**Report Last Signed By**

**User:** JAYJANNEY  
**Name:** Jay Janney  
**E-Mail:** jjan@menv.com  
**Date/Time:** 2021-02-25 09:52 (Time Zone: -05:00)

Name	Type	Size
2\BlackandDecker\WTF01.pdf	pdf	1058911.0

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 101 External Outfall  
 Report Dates & Status: From 01/01/21 to 01/31/21  
 Monitoring Period: From 01/01/21 to 01/31/21  
 Considerations for Form Completion

**Permittee:** BTR HAMPSTEAD, LLC  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
**Facility:** BTR HAMPSTEAD, LLC  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074  
**Discharge:** 101-A2  
 16-DP-0022  
**DMR Due Date:** 04/28/21  
**Status:** NetDMR Validated  
**Title:**  
**Telephone:**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	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. Value NODI	Req Mon MO AVG C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/07 - Weekly	MS - MEASRD
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/07 - Weekly	GR - GRAB

**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
21BlackandDeckerWVTP01.pdf	pdf	10589110

**Report Last Saved By**  
 BTR HAMPSTEAD, LLC.

**User:** JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjanm@menv.com

**Date/Time:** 2021-02-25 09:49 (Time Zone -05:00)

**Report Last Signed By**

**User:** JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjanm@menv.com

**Date/Time:** 2021-02-25 09:52 (Time Zone -05:00)

# DMR Copy of Record

## Permit

Permit #: MD0001881

Major: No

Permitted Feature: 102 External Outfall

Report Dates & Status: From 01/01/21 to 01/31/21

Monitoring Period: No Data Indicator (NODI)

Principal Executive Officer

First Name:

Last Name:

Form NODI:

Permittee: BTR HAMPSTEAD, LLC

Permittee Address: 626 HANOVER PIKE  
CARROLL COUNTY  
HAMPSTEAD, MD 21074

Discharge: 102-AA  
16-DP-0022

DMR Due Date: 04/28/21

Title:

Facility:

Facility Location: BTR HAMPSTEAD, LLC  
626 HANOVER PIKE  
HAMPSTEAD, MD 21074

Status: NetDMR Validated

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity of Loading		Quality of Concentration		# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	5.0 INST MIN	>=	19 - mg/L	02/01 - Twice Per Day	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	225.0 MX WK AV	<=	45.0 MX WK AV	02/07 - Twice Every Week	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	150.0 MX MO AV	<=	30.0 MX MO AV	01/30 - Monthly	CA - CALCTD
00400	pH	1 - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	6.5 MINIMUM	>=	8.5 MAXIMUM	02/01 - Twice Per Day	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	113.0 MX WK AV	<=	23.0 MX WK AV	02/07 - Twice Every Week	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample	Permit Req. <=	Value NODI	Req Mon MO TOTAL 76 - lbmo	<=	27397.0 CUM TOTL 50 - lb/yr	01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample	Permit Req. <=	Value NODI	Req Mon MO TOTAL 76 - lbmo	<=	27397.0 CUM TOTL 50 - lb/yr	01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	75.0 MX MO AV	<=	15.0 MX MO AV	01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	Req Mon MO AVG	<=	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample	Permit Req. <=	Value NODI	Req Mon MO TOTAL 50 - lbmo	<=	4.1 MX DA AV	01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample	Permit Req. <=	Value NODI	Req Mon CUM TOTL 50 - lb/yr	<=	19 - mg/L	01/30 - Monthly	CA - CALCTD
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample	Permit Req. <=	Value NODI	Req Mon MO AVG	<=	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	Permit Req. <=	Value NODI	Req Mon MO AVG	<=	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD



Value NODf	C - No Discharge	C - No Discharge	Value NODf	C - No Discharge	Value NODf	C - No Discharge	Value NODf	C - No Discharge	Value NODf	C - No Discharge
00610 Nitrogen, ammonia total [as N]	EG - Effluent Gross 0	Sample Permit Req. <= 9.0 MX MO AV Value NODf C - No Discharge	26 -lbid	Sample Permit Req. <= 1.8 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross 0	Sample Permit Req. <= 2.3 MX WK AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.45 MX WK AV Value NODf C - No Discharge	19 -mg/L	0207 - Twice Every Week	CA - CALCTD			
00665 Phosphorus, total [as P]	1 - Effluent Gross 0	Sample Permit Req. <= 1.5 MX MO AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
00665 Phosphorus, total [as P]	1 - Effluent Gross 1	Sample Permit Req. <= 548.0 CUM TOTL Value NODf C - No Discharge	50 -lbyr	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
00665 Phosphorus, total [as P]	EG - Effluent Gross 0	Sample Permit Req. <= 1.5 MX MO AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
04175 Phosphate, ortho [as P]	1 - Effluent Gross 0	Sample Permit Req. <= 1.5 MX MO AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross 0	Sample Permit Req. <= 1.5 MX MO AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
51040 E. coli	1 - Effluent Gross 0	Sample Permit Req. <= 1.5 MX MO AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			
82220 Flow, total	1 - Effluent Gross 0	Sample Permit Req. <= 1.5 MX MO AV Value NODf C - No Discharge	25 -lbid	Sample Permit Req. <= 0.3 MX MO AV Value NODf C - No Discharge	19 -mg/L	0120 - Monthly	CA - CALCTD			

**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**  
No comments.

**Attachments**  
No attachments.

**Report Last Saved By**  
BTR HAMPSTEAD,LLC.

**User:** JAY JANNEY

**Name:** Jay Janney

**E-Mail:** jann@menv.com

**Date/Time:** 2021-02-25 09:52 (Time Zone: -05:00)

**Report Last Signed By**

**User:** JAY JANNEY

**Name:** Jay Janney

**E-Mail:** jann@menv.com

**Date/Time:** 2021-02-25 09:52 (Time Zone: -05:00)

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 001 External Outfall  
 Report Dates & Status: From 02/01/21 to 02/28/21  
 Monitoring Period: 04/28/21  
 Considerations for Form Completion: NetDMR Validated

**Permittee:** BTR HAMPSTEAD,LLC  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
**Facility:** BTR HAMPSTEAD,LLC  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074  
**Discharge:** 001-A1  
 16-DP-0022  
**DMR Due Date:** 04/28/21  
**Status:** NetDMR Validated  
**Title:**  
**Telephone:**

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of E.A.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	3.0	=	19 - mg/L	0	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	7.2	=	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	6.5 MINIMUM	=	8.5 MAXIMUM	0	02/07 - Twice Every Week	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	0.0	=	20.0 MX MO AV	0	01/30 - Monthly	GR - GRAB
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	0.0	=	19 - mg/L	0	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	0.1253	=	0.3 MX MO AV	0	01/30 - Monthly	08 - COMP-8
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	0.322	=	11.0 MX MO AV	0	01/30 - Monthly	08 - COMP-8

**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**

2:\BlackandDecker\WTP02.pdf  
 BTR HAMPSTEAD,LLC  
 User: JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjan@menv.com  
 Date/Time: 2021-03-24 17:02 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 001 External Outfall  
 Report Dates & Status: From 02/01/21 to 02/28/21  
 Monitoring Period: From 02/01/21 to 02/28/21  
 Considerations for Form Completion: NetDMR Validated  
 Permittee: BTR HAMPSTEAD,LLC.  
 Permittee Address: 626 HANOVER PIKE, GARROLL COUNTY, HAMPSTEAD, MD 21074  
 Discharge: 001-A5 PROPOSED  
 Facility: BTR HAMPSTEAD, LLC.  
 Facility Location: 626 HANOVER PIKE, HAMPSTEAD, MD 21074  
 Status: NetDMR Validated  
 Telephone:

**Principal Executive Officer**  
 First Name:  
 Last Name:  
 No Data Indicator (NODI)  
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param.	MOD	Quantity or Loading		Quality or Concentration		# of Ex.		Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3			Value 3
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY MX	15 - deg F	24/01 - Hourly	IT - Immersion Stabilization
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI	Req Mon MO AVG	C - No Discharge	Req Mon DAILY MX	03 - MGD	Req Mon DAILY MX	01/20 - Monthly	MS - MEASRD	

**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**  
 21BlackandDeckerWVTF02.pdf  
 Report Last Saved By: BTR HAMPSTEAD,LLC.  
 User: JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjann@menv.com  
 Date/Time: 2021-03-24 17:02 (Time Zone -04:00)  
 Report Last Signed By: JAYJANNEY  
 User: Jay Janney  
 Name: jann@menv.com  
 E-Mail: jann@menv.com  
 Date/Time: 2021-03-24 17:12 (Time Zone -04:00)

Name	Type	Size
21BlackandDeckerWVTF02.pdf	pdf	1089103.0

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 101 External Outfall  
 Report Dates & Status: From 02/01/21 to 02/28/21  
 Monitoring Period: 02/28/21  
 Considerations for Form Completion: NetDMR Validated

**Permittee:** BTR HAMPSTEAD,LLC.  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
**Facility Location:** BTR HAMPSTEAD,LLC.  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074

**Discharge:** 101-A2  
 16-DP-0022  
**DMR Due Date:** 04/28/21  
**Status:** NetDMR Validated

**Principal Executive Officer**  
 First Name:  
 Last Name:  
 No Data Indicator (NODI)  
**Form NODI:**

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 3 Value 3	Units	Qualifier 3 Value 3	Quality or Concentration Value 2	Qualifier 3 Value 3	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon MD AVG	Quantity or Loading Qualifier 2	Req Mon DAILY MX	07 - gald	Qualifier 3 Value 3	30 - MPN/100mL	Qualifier 3 Value 3	126.0 MX WK AV	126.0 MX WK AV	0107 - Weekly	0107 - Weekly	MS - MEASRD
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Quantity or Loading Qualifier 2	C - No Discharge	C - No Discharge	Qualifier 3 Value 3	30 - MPN/100mL	Qualifier 3 Value 3	C - No Discharge	C - No Discharge	0107 - Weekly	0107 - Weekly	GR - GRAB

**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**  
 2:\BlackandDecker\WVTP02.pdf  
 Report Last Saved By: BTR HAMPSTEAD,LLC.  
 User: JAY JANNEY  
 Name: Jay Janney  
 E-Mail: jjanm@menv.com  
 Date/Time: 2021-03-24 17:02 (Time Zone: -04:00)

**Report Last Signed By**  
 User: JAY JANNEY  
 Name: Jay Janney  
 E-Mail: jjanm@menv.com  
 Date/Time: 2021-03-24 17:12 (Time Zone: -04:00)

Name	Type	Size
2:\BlackandDecker\WVTP02.pdf	pdf	1089103.0

**DMR Copy of Record**

**Permit**

Permit #: MD0001881  
 Major: No  
 BTR HAMPSTEAD,LLC.  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
 Facility Location:  
 BTR HAMPSTEAD,LLC.  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074

Permitted Feature: 102 External Outfall  
 Discharge: 102-A4  
 16-DP-0022

Report Dates & Status: From 02/01/21 to 02/28/21  
 Monitoring Period: 04/28/21  
 Status: NetDMR Validated  
 Considerations for Form Completion

Principal Executive Officer  
 First Name:  
 Last Name:  
 No Data Indicator (NODI)

**Form NODI:**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	5.0 INST MIN	C - No Discharge	19 - mg/L	02/01 - Twice Per Day	CA - CALCTD	
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	225.0 MX WK AV	C - No Discharge	26 - lb/d	02/07 - Twice Every Week	CA - CALCTD	
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	150.0 MX MO AV	C - No Discharge	26 - lb/d	01/30 - Monthly	CA - CALCTD	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	6.5 MINIMUM	C - No Discharge	8.5 MAXIMUM	02/01 - Twice Per Day	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	113.0 MX WK AV	C - No Discharge	23.0 MX WK AV	02/07 - Twice Every Week	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI	Req Mon MO TOTAL	76 - lbmo	C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample Permit Req. Value NODI	<=	27397.0 CUM TOTL	50 - lb/yr	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	75.0 MX MO AV	C - No Discharge	15.0 MX MO AV	01/30 - Monthly	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon MO TOTAL	76 - lbmo	C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI	Req Mon MO TOTAL	76 - lbmo	C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample Permit Req. Value NODI	Req Mon CUM TOTL	50 - lb/yr	C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon MO AVG	C - No Discharge	19 - mg/L	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI	Req Mon MO AVG	C - No Discharge	4.1 MX DA AV	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	

Value	NODI	C - No Discharge	C - No Discharge	Value	NODI	C - No Discharge	C - No Discharge	Value	NODI	C - No Discharge	C - No Discharge
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample Permit Req. <=	9.0 MX MO AV	26 - Iblid	<=	19 - mg/L	01/30 - Monthly	CA - CALCTD
					Value NODI	C - No Discharge					
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG			19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
					Value NODI	C - No Discharge					
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample Permit Req. <=	2.3 MX WK AV	26 - Iblid	<=	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
					Value NODI	C - No Discharge					
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample Permit Req.	Req Mon MO TOTAL 76 - Iblimo				01/30 - Monthly	CA - CALCTD
					Value NODI	C - No Discharge					
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample Permit Req.	548.0 CUM TOTL	50 - Iblyr	<=		01/30 - Monthly	CA - CALCTD
					Value NODI	C - No Discharge					
00665	Phosphorus, total [as P]	EG - Effluent Gross	0	--	Sample Permit Req. <=	1.5 MX MO AV	26 - Iblid	<=	19 - mg/L	01/30 - Monthly	CA - CALCTD
					Value NODI	C - No Discharge					
04175	Phosphate, ortho [as P]	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO AVG				02/07 - Twice Every Week	CA - CALCTD
					Value NODI	C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	Req Min DAILY MX	03 - MGD			99/99 - Continuous	RF - RCDFLO
					Value NODI	C - No Discharge					
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO MAX		<=	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Value NODI	C - No Discharge					
82220	Flow, total	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon MO TOTAL 80 - Mgalmo				01/30 - Monthly	CA - CALCTD
					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**  
 No errors

Attachments	Name	Type	Size
2\BackandDecker\WVTP02.pdf		pdf	1089103.0

**Report Last Saved By**  
 BTR HAMPSTEAD,LLC.

User: JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjann@menv.com  
 Date/Time: 2021-03-25 13:37 (Time Zone: -04:00)

**Report Last Signed By**  
 JAYJANNEY

Name: Jay Janney  
 E-Mail: jjann@menv.com  
 Date/Time: 2021-03-25 15:45 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 001 External Outfall  
 Report Dates & Status: From 03/01/21 to 03/31/21  
 Monitoring Period: 04/28/21  
 Considerations for Form Completion: NetDMR Validated  
 Facility: BTR HAMPSTEAD, LLC  
 Facility Location: 626 HANOVER PIKE HAMPSTEAD, MD 21074  
 Discharge: 001-A1 16-DP-0022  
 DMR Due Date: 04/28/21  
 Status: NetDMR Validated  
 Telephone:

Permittee: BTR HAMPSTEAD, LLC  
 Permittee Address: 626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074  
 Discharge: 001-A1 16-DP-0022  
 DMR Due Date: 04/28/21  
 Status: NetDMR Validated  
 Telephone:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	Permit Req.	=	2.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI		<=	15.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample	Permit Req.	=	7.3	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI		>=	6.5 MINIMUM	8.5 MAXIMUM	0	02/07 - Twice Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req.	=	0.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI		<=	20.0 MX MO AV	30.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample	Permit Req.	=	0.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI		<=	10.0 MX MO AV	15.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00685	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	Permit Req.	=	0.0	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI		<=	0.3 MX MO AV	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	Permit Req.	=	0.0714	03 - MGD	0	01/30 - Monthly	MS - MEASRD
					Value NODI		Req Mon DAILY MX	03 - MGD	19.0 DAILY MX	28 - ug/L	01/30 - Monthly	MS - MEASRD
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample	Permit Req.	=	0.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI		<=	11.0 MX MO AV	19.0 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB

**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.

**Attachments**  
 2:\BlackandDecker\WTP03.pdf  
 Report Last Saved By: BTR HAMPSTEAD, LLC  
 User: JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjan@menv.com  
 Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)

Name	Type	Size
2:\BlackandDecker\WTP03.pdf	pdf	1053001.0

**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 Permitted Feature: 001 External Outfall  
 Report Dates & Status: From 03/01/21 to 03/31/21  
 Monitoring Period: From 03/01/21 to 03/31/21  
 Considerations for Form Completion

**Permittee:** BTR HAMPSTEAD, LLC  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
**Facility Location:** BTR HAMPSTEAD, LLC  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074  
**Discharge:** 001-A5 PROPOSED  
**DMR Due Date:** 04/28/21  
**Status:** NetDMR Validated

**Principal Executive Officer**  
 First Name:  
 Last Name:  
 No Data Indicator (NDI)  
**Form NODI:**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	-	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	C - No Discharge	Req Mon DAILY AV	15 - deg F	2407	Hourly	IT - Immersion Stabilization	
50030	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Req Mon MO AVG	C - No Discharge	Req Mon DAILY MX	03 - MGD	01/30	Monthly	MS - MEASRD									

**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**  
 2\BlackandDecker\WTP03.pdf  
 Name: pdf  
 Type: pdf  
 Size: 1053001.0

**Report Last Saved By**  
 BTR HAMPSTEAD, LLC.

User: JAYJANNEY  
 Name: Jay Jamney  
 E-Mail: jjann@menv.com  
 Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)

**Report Last Signed By**

User: JAYJANNEY  
 Name: Jay Jamney  
 E-Mail: jjann@menv.com  
 Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)



**DMR Copy of Record**

**Permit**  
 Permit #: MD0001881  
 Major: No  
 BTR HAMPSTEAD,LLC.  
 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
 Facility Location:  
 BTR HAMPSTEAD, LLC.  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074  
 Permitted Feature: 101 External Outfall  
 Discharge: 101-A2 16-DP-0022  
 Report Dates & Status: From 03/01/21 to 03/31/21  
 Monitoring Period: 04/28/21  
 Status: NetDMR Validated  
 Considerations for Form Completion

**Principal Executive Officer**  
 First Name:  
 Last Name:  
 Title:  
 Telephone:

**Form NODI:**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Quality or Concentration Value 2	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	--			Req Mon MD AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	07 - gal/d														0107 - Weekly	MS - MEASRD
51040	E. coli	1 - Effluent Gross	0	--											126.0 MX WK AV C - No Discharge									0107 - Weekly	GR - GRAB

**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
21BlacklandDeckerWVFP03.pdf	pdf	1053001.0

**Report Last Saved By**  
 BTR HAMPSTEAD,LLC.

User: JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjanm@menv.com  
 Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)

**Report Last Signed By**

User: JAYJANNEY  
 Name: Jay Janney  
 E-Mail: jjanm@menv.com  
 Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

Permit #: MD0001881  
 Major: No  
 Facility: BTR HAMPSTEAD, LLC  
 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074

Permitted Feature: 102 External Outfall  
 Discharge: 102-AA  
 16-DP-0022

Report Dates & Status: From 03/01/21 to 03/31/21  
 Monitoring Period: 04/28/21  
 Status: NetDMR Validated

Considerations for Form Completion: Title: Telephone:

Principal Executive Officer: Title: Telephone:

First Name: Title: Telephone:

Last Name: Title: Telephone:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity of Loading		Quality of Concentration		# of Ex. Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	>=	5.0 INST MIN	<=	19 - mg/L	02/01 - Twice Per Day	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	225.0 MX WK AV	C - No Discharge	<=	45.0 MX WK AV	02/07 - Twice Every Week	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	150.0 MX MO AV	C - No Discharge	<=	30.0 MX MO AV	01/30 - Monthly	CA - CALCTD
00400	pH	1 - Effluent Gross	0	--	>=	6.5 MINIMUM	<=	8.5 MAXIMUM	02/01 - Twice Per Day	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	0	--	113.0 MX WK AV	C - No Discharge	<=	23.0 MX WK AV	02/07 - Twice Every Week	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Req Mon MO TOTAL 76 - lb/mo	C - No Discharge			01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	27397.0 CUM TOTL 50 - lb/yr	C - No Discharge			01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	EG - Effluent Gross	0	--	75.0 MX MO AV	C - No Discharge	<=	15.0 MX MO AV	01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Req Mon MO AVG	C - No Discharge		Req Mon MO AVG	02/07 - Twice Every Week	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Req Mon MO TOTAL 76 - lb/mo	C - No Discharge			01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Req Mon CUM TOTL 50 - lb/yr	C - No Discharge			01/30 - Monthly	CA - CALCTD
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Req Mon MO AVG	C - No Discharge		Req Mon MO AVG	02/07 - Twice Every Week	CA - CALCTD
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	21.0 MX DA AV	C - No Discharge	<=	4.1 MX DA AV	02/07 - Twice Every Week	CA - CALCTD

Value NODI	C - No Discharge	C - No Discharge	Value NODI	C - No Discharge	Value NODI	C - No Discharge	Value NODI	C - No Discharge	Value NODI	C - No Discharge	Value NODI	C - No Discharge
00610 Nitrogen, ammonia total [as N]	EG - Effluent Gross 0	9.0 MX MO AV C - No Discharge	25 - lbid	1.8 MX MO AV C - No Discharge	19 - mg/L	0120 - Monthly	CA - CALCTD					
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross 0	Req Mon MO AVG C - No Discharge	0207 - Twice Every Week	19 - mg/L	0207 - Twice Every Week	CA - CALCTD						
00655 Phosphorus, total [as P]	1 - Effluent Gross 0	2.3 MX WK AV C - No Discharge	26 - lbid	0.45 MX WK AV C - No Discharge	19 - mg/L	0207 - Twice Every Week	CA - CALCTD					
00665 Phosphorus, total [as P]	1 - Effluent Gross 1	Req Mon MO TOTAL 76 - lbimo C - No Discharge	0120 - Monthly	0120 - Monthly	CA - CALCTD							
00665 Phosphorus, total [as P]	1 - Effluent Gross 2	548.0 CUM TOTL C - No Discharge	50 - lbyr	0120 - Monthly	CA - CALCTD							
00665 Phosphorus, total [as P]	EG - Effluent Gross 0	1.5 MX MO AV C - No Discharge	26 - lbid	0.3 MX MO AV C - No Discharge	19 - mg/L	0120 - Monthly	CA - CALCTD					
04175 Phosphate, ortho [as P]	1 - Effluent Gross 0	Req Mon MO AVG C - No Discharge	0207 - Twice Every Week	19 - mg/L	0207 - Twice Every Week	CA - CALCTD						
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross 0	Req Mon MO AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	9999 - Continuous	RF - RCDFLO							
51040 E. coli	1 - Effluent Gross 0	Req Mon MO MAX C - No Discharge	30 - MPN/100mL	0107 - Weekly	GR - GRAB							
82220 Flow, total	1 - Effluent Gross 0	Req Mon MO TOTAL 80 - Mgalmo C - No Discharge	0120 - Monthly	0120 - Monthly	CA - CALCTD							

Submission Note	Name	Type	Size
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.			
<b>Edit Check Errors</b>			
No errors.			
<b>Comments</b>			
<b>Attachments</b>			
2:\Backend\Decter\WTP03.pdf		pdf	1053001.0

**Report Last Saved By**  
**BTR HAMPSTEAD, LLC.**  
User: JAYJANNEY  
Name: Jay Janney  
E-Mail: jann@menv.com  
Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)

**Report Last Signed By**  
User: JAYJANNEY  
Name: Jay Janney  
E-Mail: jann@menv.com  
Date/Time: 2021-04-19 13:49 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit #:** MD0001881  
**Major:** No  
**Permitted Feature:** 201 External Outfall  
**Report Dates & Status:** From 01/01/21 to 03/31/21  
**Monitoring Period:** From 01/01/21 to 03/31/21  
**Considerations for Form Completion:**

**Permittee:** BTR HAMPSTEAD, LLC  
**Permittee Address:** 626 HANOVER PIKE  
 CARROLL COUNTY  
 HAMPSTEAD, MD 21074  
**Discharge:** 201-A3  
 16-DP-0022  
**DMR Due Date:** 04/28/21  
**Status:** NetDMR Validated  
**Facility:** BTR HAMPSTEAD, LLC  
**Facility Location:** 626 HANOVER PIKE  
 HAMPSTEAD, MD 21074  
**Telephone:**  
**Title:**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1	Quantity or Loading Qualifier 2 Value 2	Quality or Concentration Qualifier 1 Value 1	Quality or Concentration Qualifier 2 Value 2	Quality or Concentration Qualifier 3 Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI = 0.205 Req Mon MO AVG	0.205 Req Mon MO AVG	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	5.0 DAILY MX	28 - ug/L	0	0190 - Quarterly	GR - GRAB
74076	Flow	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI = 0.2633 Req Mon DAILY MX 03 - MGD	0.2633 Req Mon DAILY MX 03 - MGD	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	100.0 DAILY MX	28 - ug/L	0	0190 - Quarterly	GR - GRAB
76029	Organics, tot purgables [Method 624]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI = 0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	5.0 DAILY MX	28 - ug/L	0	0190 - Quarterly	GR - GRAB
76389	Tetrachloroethene	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI = 0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	5.0 DAILY MX	28 - ug/L	0	0190 - Quarterly	GR - GRAB
76391	Trichloroethene	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI = 0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	0.0 Req Mon MO AVG <=	5.0 DAILY MX	28 - ug/L	0	0190 - Quarterly	GR - GRAB

**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**

2\BlackandDecker\WTP03.pdf

**Report Last Saved By**  
 BTR HAMPSTEAD, LLC

**User:** JAY JANNEY  
**Name:** Jay Janney  
**E-Mail:** jjanm@menv.com  
**Date/Time:** 2021-04-19 13:48 (Time Zone: -04:00)

**Report Last Signed By**  
**User:** JAY JANNEY  
**Name:** Jay Janney  
**E-Mail:** jjanm@menv.com  
**Date/Time:** 2021-04-19 13:49 (Time Zone: -04:00)

Name	Type	Size
2\BlackandDecker\WTP03.pdf	pdf	1053001.0

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**APPENDIX C**  
**GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS**  
**(JANUARY - MARCH 2021)**

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**Environmental**



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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343

January 13, 2021

Maryland Environmental Services-LF Data  
Maryland Environmental Services  
259 Najoles Road  
Millersville, MD 21108

## Certificate of Analysis

Project Name: **BTR HAMPSTEAD WWTP** Workorder: **3150141**  
Purchase Order: **W/WWW** Workorder ID: **BTR WWTP**

Dear Maryland Services-LF Data:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, January 5, 2021. 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 J 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](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. William Herpel, Maryland Environmental Services-WWW  
Data, Ms. Cheryl Griffin

George J Methlie  
Project Coordinator

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

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343



**SAMPLE SUMMARY**

Workorder: 3150141 BTR VVWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3150141001	BTR 001	Waste Water	1/5/2021 09:59	1/5/2021 18:30	Collected by Client
3150141002	BTR 001	Waste Water	1/5/2021 09:59	1/5/2021 18:30	Collected by Client
3150141003	BTR 001	Waste Water	1/5/2021 09:59	1/5/2021 18:30	Collected by Client

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# Environmental

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 3-43



## SAMPLE SUMMARY

Workorder: 3150141 BTR WWTP

### 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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analyses 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 performed 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.

### Standard Acronyms/Flags

- C Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
- 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)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLimit Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- LOD Relative Percent Difference
- LOQ DoD Limit of Detection
- DL DoD Limit of Quantitation
- 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

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**ALS Environmental**

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343



**PROJECT SUMMARY**

Workorder: 3150141 BTR WWTP

**Workorder Comments**

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3150141 BTR WWTP

Lab ID: 3150141001 Date Collected: 1/5/2021 09:59 Matrix: Waste Water  
Sample ID: BTR 001 Date Received: 1/5/2021 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
------------	---------	------	-------	-----	--------	-------------	-------------	------

<b>WET CHEMISTRY</b>								
Biochemical Oxygen Demand	3.1	C,1	mg/L	2.0	S5210B-11		1/6/21 09:55	MXO A
Total Suspended Solids	7	C	mg/L	5	S2540D-11		1/7/21 14:22	ZXW A

George J Methlie  
Project Coordinator

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343

**ANALYTICAL RESULTS**

Workorder: 3150141 BTR WWTP

Lab ID: 3150141002  
Sample ID: BTR 001

Date Collected: 1/5/2021 09:59 Matrix: Waste Water  
Date Received: 1/5/2021 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Contr
------------	---------	------	-------	-----	--------	-------------	-------------	-------

WET CHEMISTRY Phosphorus, Total	ND	C	mg/L	0.10	EPA 365.1	1/11/21 11:28	ELD	1/11/21 12:09	ELD A
------------------------------------	----	---	------	------	-----------	---------------	-----	---------------	-------

*George J Methlie*

George J Methlie  
Project Coordinator

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**ALS Environmental**



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State Certifications: FL E871113, WA C989, MD 128, VA 460157, WV DW 9861-C, WV 343

**ANALYTICAL RESULTS**

Workorder: 3150141 BTR WWTP

Lab ID: 3150141003  
Sample ID: BTR 001

Date Collected: 1/5/2021 09:59 Matrix: Waste Water  
Date Received: 1/5/2021 18:30

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
------------	---------	------	-------	-----	--------	-------------	-------------	------

WET CHEMISTRY Oil/Grease Hexane Extractable	ND	C	mg/L	4.0	EPA 1664B		1/12/21 08:00	CXK A
---	----	---	------	-----	-----------	--	---------------	-------

*George J Methlie*  
George J Methlie  
Project Coordinator

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343



**ANALYTICAL RESULTS**

Workorder: 3150141 BTR WWTP

**PARAMETER QUALIFIERS**

Lab ID	#	Sample ID	Analytical Method	Analyte
3150141001	1	BTR 001	S5210B-11	Biochemical Oxygen Demand

The Method Blank for method S5210B-11 reported a value greater than the reporting level for the analyte Biochemical Oxygen Demand. The concentration was 0.21

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Vancouver · Waterloo · Winnipeg · Yellowknife  
United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York, Mexico: Monterrey



**ALS Environmental**

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3150141 BTR WWTP

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3150141001	BTR 001	S2540D-11		
3150141001	BTR 001	S5210B-11		
3150141002	BTR 001	EPA 365.1	EPA 365.1	
3150141003	BTR 001	EPA 1664B		

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**LE INFORMATION FORM**

le, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

3150141



Lab # ALS Client Code: \_\_\_\_\_

Sampler Garnett Scheller / 2500

Client Name/Phone/FAX Maryland Environmental Service

Project Name BTR WWTP (Monthly)

Client Address \_\_\_\_\_

Project Number 593-9384-1700

Invoice Address \_\_\_\_\_

Sample Turnaround Time KF 10/2017

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	1/5/21	0959	BOD,TSS
BTR2	↓	Monthly 8 hr Comp	250 ml Plastic H2SO4	WW	1	1/5/21	0959	TP
BTR3		Monthly Grab	250 ml Glass H2SO4	WW	1	1/5/21	0959	Oil and Grease

Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>1/5/21</u>	Time: <u>1115</u>	Cooler Receipt Information (LAB USE ONLY) Sufficient ice? - Yes/No If No, temp. = _____ Sample containers pres'd? - Yes/No If No, explain _____ Custody Seal present/intact? - Yes/No
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>1/5/21</u>	Time: <u>1500</u>	
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>1/5/21</u>	Time: <u>1830</u>	

1:30A



301 Fulling Mill Road  
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 P: (717) 944-5541  
 F: (717) 944-1430

# Condition of Sample Receipt Form

Client: MFS Work Order #: 31501M Initials: WJ/COZ Date: 6/20/2021

Tracking number	YES	NO
1. Were airbills / tracking numbers present and recorded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Are Custody Seals on shipping containers intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Are Custody Seals on sample containers intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is there a COC (Chain-of-Custody) present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are the COC and bottle labels complete, legible and in agreement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5a. Does the COC contain sample locations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5b. Does the COC contain date and time of sample collection for all samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5c. Does the COC contain sample collectors name?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5d. Does the COC note the type(s) of preservation for all bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5e. Does the COC note the number of bottles submitted for each sample?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5f. Does the COC note the type of sample, composite or grab?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5g. Does the COC note the matrix of the sample(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are all aqueous samples requiring preservation preserved correctly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are all samples within holding times for the requested analyses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Did we receive trip blanks ( applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Were the samples received on ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Were sample temperatures measured at 0.0-6.0°C?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13a. Are the samples required for SDWA compliance reporting?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13b. Did the client provide a SDWA PWS ID#?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13d. Did the client provide the SDWA sample location ID/Description?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Cooler #: \_\_\_\_\_  
 Temperature (°C): 1  
 Thermometer ID: 389  
 Radiological (µCi): \_\_\_\_\_

COMMENTS (Required for all NO responses above and any sample non-conformance):

Final determination of correct preservation for analysis such as volatiles, microbiology, and oil and grease is made in the analytical department at the time of or following the analysis





# Environmental

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January 7, 2021

Maryland Environmental Services-LF Data  
Maryland Environmental Services  
259 Najoles Road  
Millersville, MD 21108

## Certificate of Analysis

Project Name: **BTR HAMPSTEAD WWTP** Workorder: **3150140**  
Purchase Order: **W/WWW** Workorder ID: **BTR HAMPSTEAD WWTP**

Dear Maryland Services-LF Data:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, January 5, 2021. 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 J 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](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. William Herpel, Maryland Environmental Services-WWW  
Data, Ms. Cheryl Griffin

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*  
George J Methlie  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3150140 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3150140001	BTR201	Water	1/5/2021 09:53	1/5/2021 18:30	Collected by Client
3150140002	BTR201	Water	1/5/2021 09:53	1/5/2021 18:30	Collected by Client

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## SAMPLE SUMMARY

Workorder: 3150140 BTR HAMPSTEAD WWTP

### 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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analyses 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 performed 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 of the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

### Standard Acronyms/Flags

- C Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
- 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)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Cntr Analysis was performed using this container
- RegLimit Regulatory Limit
- LCS Laboratory Control Sample
- MS Matrix Spike
- MSD Matrix Spike Duplicate
- DUP Sample Duplicate
- %Rec Percent Recovery
- RPD Relative Percent Difference
- LOD Limit of Detection
- LOQ 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

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**PROJECT SUMMARY**

Workorder: 3150140 BTR HAMPSTEAD WWTP

**Workorder Comments**

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3150140 BTR HAMPSTEAD WWTP

Lab ID: 3150140001  
Sample ID: BTR201

Date Collected: 1/5/2021 09:53  
Date Received: 1/5/2021 18:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Tetrachloroethene	ND	C	ug/L	0.50	EPA 624.1		1/6/21 23:39	VLM A
1,1,1-Trichloroethane	ND	C	ug/L	0.50	EPA 624.1		1/6/21 23:39	VLM A
Trichloroethene	ND	C	ug/L	0.50	EPA 624.1		1/6/21 23:39	VLM A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared By	Analyzed By	Cntr
1,2-Dichloroethane-d4 (S)	100	C	%	72 - 142	EPA 624.1		1/6/21 23:39	VLM A
4-Bromofluorobenzene (S)	73.8	C	%	73 - 119	EPA 624.1		1/6/21 23:39	VLM A
Dibromofluoromethane (S)	88.8	C	%	74 - 132	EPA 624.1		1/6/21 23:39	VLM A
Toluene-d8 (S)	82.5	C	%	75 - 133	EPA 624.1		1/6/21 23:39	VLM A

George J Methlie  
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3150140 BTR HAMPSTEAD WWTP

Lab ID: 3150140002  
Sample ID: BTR201

Date Collected: 1/5/2021 09:53  
Date Received: 1/5/2021 18:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Benzene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Bromodichloromethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Bromoforn	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Bromomethane	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
Carbon Tetrachloride	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
Chlorobenzene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Chlorodibromomethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Chloroethane	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
Chloromethane	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
1,2-Dichlorobenzene	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
1,3-Dichlorobenzene	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
1,4-Dichlorobenzene	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
1,1-Dichloroethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
1,2-Dichloroethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
1,1-Dichloroethene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
trans-1,2-Dichloroethene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
1,2-Dichloropropane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
cis-1,3-Dichloropropene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
trans-1,3-Dichloropropene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Ethylbenzene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Methylene Chloride	ND	C	ug/L	1.0	EPA 624.1		1/1/21 00:03	VLM A
1,1,2-Tetrachloroethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Tetrachloroethene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Toluene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
1,1,1-Trichloroethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
1,1,2-Trichloroethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Trichloroethene	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Trichlorofluoromethane	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Vinyl Chloride	ND	C	ug/L	0.50	EPA 624.1		1/1/21 00:03	VLM A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared By	Analyzed By	Cntr
1,2-Dichloroethane-d4 (S)	102	C	%	72 - 142	EPA 624.1		1/1/21 00:03	VLM A
4-Bromofluorobenzene (S)	75.1	C	%	73 - 119	EPA 624.1		1/1/21 00:03	VLM A
Dibromofluoromethane (S)	91.6	C	%	74 - 132	EPA 624.1		1/1/21 00:03	VLM A
Toluene-d8 (S)	84.1	C	%	75 - 133	EPA 624.1		1/1/21 00:03	VLM A

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**ANALYTICAL RESULTS**

Workorder: 3150140 BTR HAMPSTEAD WWTP

Lab ID: 3150140002  
Sample ID: BTR201

Date Collected: 1/5/2021 09:53  
Date Received: 1/5/2021 18:30

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
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*George J Methlie*

George J Methlie  
Project Coordinator

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 31501400 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3150140001	BTR201	EPA.624.1		
3150140002	BTR201	EPA.624.1		

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CHAIN OF CUSTODY  
Maryland Environmental Service



E INFORMATION FORM

3150140

MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Laboratory ALS

Sampler Name Garrett Scheller #2500

Client Name/Phone/FAX Maryland Environmental Service

Project Name BTR Hampstead WWTP

Client Address 259 Najoles Rd., Millersville, MD 21108 410-729-8200

Business Unit 593-9384-1700

Invoice Address

Sample Turnaround Time Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR4	BTR201	Monthly Grab	40 ml Glass VOA Vial, HCL	WW	3	1/5/21	0953	1,1,1-Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)
BTR5	BTR201	Quarterly Grab	40 ml Glass VOA Vial, HCL	WW	3	1/5/21	0953	Total Purgeable Organics by 624 (Profile 653888, Line 8)

Transferred by: <u>Garrett Scheller</u>	Received by: <u>[Signature]</u>	Date: <u>1/5/21</u>	Time: <u>1115</u>	Cooler Receipt Information (LAB USE ONLY) Sufficient ice? - Yes/No Temp. = _____ Sample containers properly pres'd? - Yes/No If No, explain Initials: _____ Date: _____
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>1/5/21</u>	Time: <u>1300</u>	
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>1/5/21</u>	Time: <u>1730</u>	

3309



301 Fulling Mill Road  
 Middletown, PA 17057  
 P: (717) 944-5541  
 F: (717) 944-1430

# Condition of Sample Receipt Form

Client: MEG Work Order #: 315D14D Date: 1/11/2021  
 Initials: \_\_\_\_\_

	YES	NO
1. Were airbills / tracking numbers present and recorded? Tracking number: _____	<u>NONE</u>	
2. Are Custody Seals on shipping containers intact?	<u>NONE</u>	
3. Are Custody Seals on sample containers intact?	<u>NONE</u>	
4. Is there a COC (Chain-of-Custody) present?	<u>NONE</u>	
5. Are the COC and bottle labels complete, legible and in agreement?		
5a. Does the COC contain sample locations?		
5b. Does the COC contain date and time of sample collection for all samples?		
5c. Does the COC contain sample collectors name?		
5d. Does the COC note the type(s) of preservation for all bottles?		
5e. Does the COC note the number of bottles submitted for each sample?		
5f. Does the COC note the type of sample, composite or grab?		
5g. Does the COC note the matrix of the sample(s)?		
6. Are all aqueous samples requiring preservation preserved correctly?	<u>N/A</u>	
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?		
8. Are all samples within holding times for the requested analyses?		
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)		
10. Did we receive Trip blanks ( applies only for methods EPA 504, EPA 524.2 and 1631E (LL Fig)?	<u>N/A</u>	
11. Were the samples received on ice?	<u>YES</u>	
12. Were sample temperatures measured at 0.0-6.0°C?	<u>YES</u>	
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below.		
13a. Are the samples required for SDWA compliance reporting?	<u>N/A</u>	
13b. Did the client provide a SDWA PWS ID#?	<u>N/A</u>	
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	<u>N/A</u>	
13d. Did the client provide the SDWA sample location ID/Description?	<u>N/A</u>	
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	<u>N/A</u>	

Cooler #: \_\_\_\_\_  
 Temperature (°C): 3  
 Thermometer ID: 309  
 Radiological (pCi): \_\_\_\_\_

COMMENTS (Required for all NO responses above and any sample non-conformance):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**Environmental**



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February 20, 2021

Maryland Environmental Services-LF Data  
Maryland Environmental Services  
259 Najoles Road  
Millersville, MD 21108

## Certificate of Analysis

Project Name: **BTR HAMPSTEAD WWTP**  
Purchase Order: **WWW**

Workorder: **3157449**  
Workorder ID: **BTR HAMPSTEAD WWTP**

Dear Maryland Services-LF Data:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, February 10, 2021. 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 J 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](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City, 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. William Hempel, Maryland Environmental Services-WWW  
Data, Ms. Cheryl Griffin

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*  
George J Methlie  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3157449 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3157449001	BTR 001	Waste Water	2/10/2021 08:00	2/10/2021 19:00	Collected by Client
3157449002	BTR 001	Waste Water	2/10/2021 07:56	2/10/2021 19:00	Collected by Client
3157449003	BTR 001	Waste Water	2/10/2021 08:00	2/10/2021 19:00	Collected by Client

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## SAMPLE SUMMARY

Workorder: 3157449 BTR HAMPSTEAD WWTP

### 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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analyses 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 performed 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 of the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

### Standard Acronyms/Flags

- C Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
- 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)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Chtr 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

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### PROJECT SUMMARY

Workorder: 3157449 BTR HAMPSTEAD WWTP

#### Workorder Comments

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3157449 BTR HAMPSTEAD WWTP

Lab ID: 3157449001  
Sample ID: BTR 001

Date Collected: 2/10/2021 08:00 Matrix: Waste Water  
Date Received: 2/10/2021 19:00

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>WET CHEMISTRY</b>								
Biochemical Oxygen Demand	2.8	C,1	mg/L	2.0	S5210B-11		2/12/21 07:10	MXO A
Total Suspended Solids	ND	C	mg/L	5	S2540D-11		2/16/21 12:20	ZXW A

George J Methlie  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 3157449 BTR HAMPSTEAD WWTP

Lab ID: 3157449002 Date Collected: 2/10/2021 07:56 Matrix: Waste Water  
Sample ID: BTR 001 Date Received: 2/10/2021 19:00

Parameters	Results	Flag	Units	RD L	Method	Prepared By	Analyzed By	Cntr
------------	---------	------	-------	------	--------	-------------	-------------	------

WET CHEMISTRY	ND	C	mg/L	0.10	EPA 365.1	2/15/21 16:42	ELD	2/17/21 21:01	ELD	A
Phosphorus, Total										

*George J Methlie*

George J Methlie  
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 3157449 BTR HAMPSTEAD WWTP

Lab ID: 3157449003  
Sample ID: BTR 001

Date Collected: 2/10/2021 08:00  
Date Received: 2/10/2021 19:00  
Matrix: Waste Water

Parameters	Results	Flag	Units	RD L	Method	Prepared By	Analyzed By	Cnfr
------------	---------	------	-------	------	--------	-------------	-------------	------

WET CHEMISTRY	ND	C	mg/L	4.1	EPA 1664B		2/16/21 06:15	MPP A
Oil/Grease Hexane Extractable								

*George J Methlie*  
 George J Methlie  
 Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 3157449 BTR HAMPSTEAD WWTP

**PARAMETER QUALIFIERS**

Lab ID	#	Sample ID	Analytical Method	Analyte
3157449001	1	BTR 001	SS210B-11	Biochemical Oxygen Demand

The blank associated with this sample exceeded the 0.20 mg/L criteria from SM 5210B.

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3157449 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3157449001	BTR 001	S2540D-11		
3157449001	BTR 001	S5210B-11		
3157449002	BTR 001	EPA 365.1	EPA 365.1	
3157449003	BTR 001	EPA 1664B		

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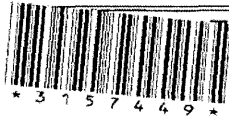
**CHAIN OF CUST**

Maryland Environmental Service • 52

**INFORMATION FORM**

1108 • (410) 729-8200 • FAX (410) 729-8340

3157449



Lab # ALS Client Code

Sampler Brian Musseiman

Client Name/Phone/FAX Maryland Environmental Service

Project Name **BTR WWTP (Monthly)**

Client Address

Project Number 593-9384-1700

Invoice Address

Sample Turnaround Time

KF 10/2017

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	2-10-2017	0800	BOD, TSS
BTR2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	2-10-2017	0756	TP
BTR3		Monthly Grab	250 ml Glass H2S04	WW	1	2-10-2017	0800	Oil and Grease

Transferred by: <u>BM</u>	Received by: <u>KC</u>	Date: <u>2/10/21</u>	Time: <u>1020</u>	Cooler Receipt Information (LAB USE ONLY) Sufficient ice? - Yes/No If No, temp. = _____ Sample containers pres'd? - Yes/No If No, explain _____ Custody Seal present/intact? - Yes/No
Transferred by: <u>KC</u>	Received by: <u>[Signature]</u>	Date: <u>2/10/21</u>	Time: <u>1450</u>	
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>2/10/21</u>	Time: <u>1900</u>	
Initials:		Date:		

3157449

301 Fulling Mill Road  
Middletown, PA 17057  
P: (717) 944-5541  
F: (717) 944-1430



# Condition of Sample Receipt Form

Client: MCS      Work Order #: 3157449      Initials: SA      Date: 2/10/21

1. Were airbills / tracking numbers present and recorded? ..... YES NO  
Tracking number: \_\_\_\_\_
2. Are Custody Seals on shipping containers intact? ..... YES NO  
3. Are Custody Seals on sample containers intact? ..... YES NO  
4. Is there a COC (Chain-of-Custody) present? ..... YES NO  
5. Are the COC and bottle labels complete, legible and in agreement? ..... YES NO  
5a. Does the COC contain sample locations? ..... YES NO  
5b. Does the COC contain date and time of sample collection for all samples? ..... YES NO  
5c. Does the COC contain sample collectors name? ..... YES NO  
5d. Does the COC note the type(s) of preservation for all bottles? ..... YES NO  
5e. Does the COC note the number of bottles submitted for each sample? ..... YES NO  
5f. Does the COC note the type of sample, composite or grab? ..... YES NO  
5g. Does the COC note the matrix of the sample(s)? ..... YES NO  
6. Are all aqueous samples requiring preservation preserved correctly? ..... YES NO  
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume? ..... YES NO  
8. Are all samples within holding times for the requested analyses? ..... YES NO  
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.) ..... YES NO  
10. Did we receive trip blanks ( applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)? ..... YES NO  
11. Were the samples received on ice? ..... YES NO  
12. Were sample temperatures measured at 0-6.0°C? ..... YES NO  
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below.      YES NO  
13a. Are the samples required for SDWA compliance reporting? ..... YES NO  
13b. Did the client provide a SDWA PWS ID#? ..... N/A  
13c. Are all aqueous unpreserved SDWA samples pH 5-9? ..... N/A  
13d. Did the client provide the SDWA sample location ID/Description? ..... N/A  
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)? ..... N/A

Cooler #: \_\_\_\_\_  
Temperature (°C): 3  
Thermometer ID: 407  
Radiological (uCi): \_\_\_\_\_

COMMENTS (Required for all NO responses above and any sample non-conformance):  
\_\_\_\_\_  
\_\_\_\_\_



**ALS Environmental**



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February 15, 2021

Maryland Environmental Services-LF Data  
Maryland Environmental Services  
259 Najoles Road  
Millersville, MD 21108

## Certificate of Analysis

Project Name: **BTR HAMPSTEAD WWTP** Workorder: **3157448**  
Purchase Order: **W/WW** Workorder ID: **BTR HAMPSTEAD WWTP**

Dear Maryland Services-LF Data:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, February 10, 2021. 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 J 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](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. William Hempel, Maryland Environmental Services-WWW  
Data, Ms. Cheryl Griffin

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*  
George J Methlie  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3157448 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3157448001	BTR201	Water	2/10/2021 09:05	2/10/2021 19:00	Collected by Client

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## SAMPLE SUMMARY

Workorder: 3157448 BTR HAMPSTEAD WWTP

### 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).
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- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
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- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- Ctrl Analysis was performed using this container
- RegLimit 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

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**PROJECT SUMMARY**

Workorder: 3157448 BTR HAMPSTEAD WWTP

**Workorder Comments**

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3157448 BTR HAMPSTEAD WWTP

Lab ID: 3157448001  
Sample ID: BTR201

Date Collected: 2/10/2021 09:05  
Date Received: 2/10/2021 19:00

Matrix: Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed By	Cntr
<b>VOLATILE ORGANICS</b>								
Tetrachloroethene	ND	C	ug/L	0.50	EPA 624.1		2/12/21 09:58	PDK A
1,1,1-Trichloroethane	ND	C	ug/L	0.50	EPA 624.1		2/12/21 09:58	PDK A
Trichloroethene	ND	C	ug/L	0.50	EPA 624.1		2/12/21 09:58	PDK A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared By	Analyzed By	Cntr
1,2-Dichloroethane-d4 (S)	123	C	%	72 - 142	EPA 624.1		2/12/21 09:58	PDK A
4-Bromofluorobenzene (S)	95.8	C	%	73 - 119	EPA 624.1		2/12/21 09:58	PDK A
Dibromofluoromethane (S)	112	C	%	74 - 132	EPA 624.1		2/12/21 09:58	PDK A
Toluene-d8 (S)	99.1	C	%	75 - 133	EPA 624.1		2/12/21 09:58	PDK A

George J Methlie  
Project Coordinator



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State Certifications: FL E871113 , WA C999 , MD T28 , VA 460157 , WV DW 9961-C , WV 343

**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3157448 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3157448001	BTR201	EPA 624.1		

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CHAIN OF CUSTODY

Maryland Environmental Service • 259



INFORMATION FORM

• (410) 729-8200 • FAX (410) 729-8340

3157448

Laboratory ALS

Name Brian Musselman

Client Name/Phone/FAX Maryland Environmental Service

Business Unit BTR Hampstead WWTP

Client Address 259 Najoles Rd., Millersville, MD 21108 410-729-8200

Business Unit 593-9384-1700

Invoice Address

Sample Turnaround Time

Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR4	BTR201	Monthly Grab	40 ml Glass VOA Vial, HCL	WW	3	2-10-2021	0905	1,1,1-Trichloroethane, PCE, TCE by 624 (Profile 653888, Line 7)
<del>BTR4</del>	<del>BTR201</del>	<del>Monthly Grab</del>	<del>40 ml Glass VOA Vial, HCL</del>	<del>WW</del>	<del>3</del>			<del>Total Organic Carbon by 604 (Profile 653888, Line 8)</del>

Transferred by: BM

Received by: [Signature]

Date 2/10/21 Time 1020

Cooler Receipt Information (LAB USE ONLY)

Transferred by: [Signature]

Received by: [Signature]

Date 2/10/21 Time 1450

Sufficient ice? - Yes/No Temp. = \_\_\_\_\_  
Sample containers properly preserved? - Yes/No If No, explain

Transferred by: [Signature]

Received by: [Signature]

Date 2/10/21 Time 1900

Initials: \_\_\_\_\_ Date: \_\_\_\_\_

2<sup>nd</sup>  
7/1/01

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# Condition of Sample Receipt Form

Client: MCS      Word Order #: 3157448      Initials: SA      Date: 2/16/21

1. Were airbills / tracking numbers present and recorded? ..... NONE      YES      NO
- Tracking number: \_\_\_\_\_
2. Are Custody Seals on shipping containers intact? ..... NONE      YES      NO
3. Are Custody Seals on sample containers intact? ..... NONE      YES      NO
4. Is there a COC (Chain-of-Custody) present? ..... NONE      YES      NO
5. Are the COC and bottle labels complete, legible and in agreement? ..... NONE      YES      NO
- 5a. Does the COC contain sample locations? ..... NONE      YES      NO
- 5b. Does the COC contain date and time of sample collection for all samples? ..... NONE      YES      NO
- 5c. Does the COC contain sample collectors name? ..... NONE      YES      NO
- 5d. Does the COC note the type(s) of preservation for all bottles? ..... NONE      YES      NO
- 5e. Does the COC note the number of bottles submitted for each sample? ..... NONE      YES      NO
- 5f. Does the COC note the type of sample, composite or grab? ..... NONE      YES      NO
- 5g. Does the COC note the matrix of the sample(s)? ..... NONE      YES      NO
6. Are all aqueous samples requiring preservation preserved correctly? ..... NONE      YES      NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume? ..... NONE      YES      NO
8. Are all samples within holding times for the requested analyses? ..... NONE      YES      NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.) ..... NONE      YES      NO
10. Did we receive trip blanks ( applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)? ..... N/A      YES      NO
11. Were the samples received on ice? ..... N/A      YES      NO
12. Were sample temperatures measured at 0.0-6.0°C? ..... N/A      YES      NO
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below.
- 13a. Are the samples required for SDWA compliance reporting? ..... N/A      YES      NO
- 13b. Did the client provide a SDWA PWS ID#? ..... N/A      YES      NO
- 13c. Are all aqueous unpreserved SDWA samples pH 5-9? ..... N/A      YES      NO
- 13d. Did the client provide the SDWA sample location ID/Description? ..... N/A      YES      NO
- 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)? ..... N/A      YES      NO

Cooler #: \_\_\_\_\_

Temperature (°C): 2

Thermometer ID: 40

Radiological (uCi) \_\_\_\_\_

COMMENTS (Required for all NO responses above and any sample non-conformance):

Final determination of correct preservation for analysis such as volatiles, microbiology, and oil and grease is made in the analytical department at the time of or following the analysis

Rev 1/20/2020



**Environmental**



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March 28, 2021

Maryland Environmental Services-LF Data  
Maryland Environmental Services  
259 Najoles Road  
Millersville, MD 21108

## Certificate of Analysis

Project Name: **BTR HAMPSTEAD WWTP** Workorder: **3162286**  
Purchase Order: **WWW** Workorder ID: **BTR HAMPSTEAD WWTP**

Dear Maryland Services-LF Data:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, March 9, 2021.

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 J 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](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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ALS Spring City, 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. William Hempel, Maryland Environmental Services-WWW  
Data, Ms. Cheryl Griffin

*This page is included as part of the Analytical Report and must be retained as a permanent record thereof.*  
George J Methlie  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3162286 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3162286001	BTR 001	Waste Water	3/9/2021 08:52	3/9/2021 18:40	Collected by Client

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## SAMPLE SUMMARY

Workorder: 3162286 BTR HAMPSTEAD WWTP

### 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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analyses 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 performed 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 of the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

### Standard Acronyms/Flags

- C Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
- 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)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- 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

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**PROJECT SUMMARY**

Workorder: 3162286 BTR HAMPSTEAD WWTP

**Workorder Comments**

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3162286 BTR HAMPSTEAD WWTP

Lab ID: 3162286001  
Sample ID: BTR 001

Date Collected: 3/9/2021 08:52 Matrix: Waste Water  
Date Received: 3/9/2021 18:40

Parameters	Results	Flag	Units	RD1	Method	Prepared By	Analyzed By	Cntr
<b>WET CHEMISTRY</b>								
Biochemical Oxygen Demand	2.2	C	mg/L	2.0	S5210B-11		3/10/21 09:55	JXK A
Oil/Grease Hexane Extractable	ND	C	mg/L	3.9	EPA 1664B		3/12/21 07:00	MPP C
Phosphorus, Total	ND	C	mg/L	0.10	EPA 365.1	3/11/21 15:07	ELD	ELD B
Total Suspended Solids	ND	C	mg/L	5	S2540D-11		3/16/21 09:57	MAP A

George J Methlie  
Project Coordinator

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3162286 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3162286001	BTR 001	EPA 1664B		
3162286001	BTR 001	EPA 365.1	EPA 365.1	
3162286001	BTR 001	S2540D-11		
3162286001	BTR 001	S5210B-11		

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## CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 7



Lab # <b>ALS</b>		Client Code _____		Sampler <b>Garrett Scheller</b>				
Client Name/Phone/FAX <b>Maryland Environmental Service</b>				Project Name <b>BTR WWTP (Monthly)</b>				
Client Address _____				Project Number <b>593-9384-1700</b>				
Invoice Address _____				Sample Turnaround Time <b>KF 10/2017</b>				
Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	3/9/21	0852	BOD, TSS
BTR2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	3/9/21	0852	TP
BTR3		Monthly Grab	250 ml Glass H2S04	WW	1	3/9/21	0852	Oil and Grease
Transferred by: <b>[Signature]</b>		Received by: <b>[Signature]</b>		Date: <b>3/9/21</b>	Time: <b>1050</b>	Cooler Receipt Information (LAB USE ONLY)		
Transferred by: <b>[Signature]</b>		Received by: <b>[Signature]</b>		Date: <b>3/9/21</b>	Time: <b>1510</b>	Sufficient ice? - Yes/No If No, temp. = _____		
Transferred by: <b>[Signature]</b>		Received by: <b>[Signature]</b>		Date: <b>3/9/21</b>	Time: <b>1840</b>	Sample containers pres'd? - Yes/No If No, explain		
						Custody Seal present/intact? - Yes/No		
						Initials: _____ Date: <b>2<sup>00</sup> TH 524</b>		



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 Middletown, PA 17057  
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# Condition of Sample Receipt Form

Work # **3162286**

Initials: **AS**

Date: **3/10/21**

Client: **Maryland Environmental Services - W/WW**

1. Were airbills / tracking numbers present and in Tracking?	NONE	YES	NO
2. Are Custody Seals on shipping containers intact?	NONE	YES	NO
3. Are Custody Seals on sample containers intact?	NONE	YES	NO
4. Is there a COC (Chain-of-Custody) present?	YES	NO	NO
5. Are the COC and bottle labels complete, legible and in agreement?	YES	NO	NO
5a. Does the COC contain sample locations?	YES	NO	NO
5b. Does the COC contain date and time of sample collection for all samples?	YES	NO	NO
5c. Does the COC contain sample collectors name?	YES	NO	NO
5d. Does the COC note the type(s) of preservation for all bottles?	YES	NO	NO
5e. Does the COC note the number of bottles submitted for each sample?	YES	NO	NO
5f. Does the COC note the type of sample, composite or grab?	YES	NO	NO
5g. Does the COC note the matrix of the sample(s)?	YES	NO	NO
6. Are all aqueous samples requiring preservation preserved correctly?	N/A	YES	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?	YES	NO	NO
8. Are all samples within holding times for the requested analyses?	YES	NO	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)	YES	NO	NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	N/A	YES	NO
11. Were the samples received on ice?	YES	NO	NO
12. Were sample temperatures measured at 0.0-6.0°C	YES	NO	NO
13. Are the samples DW matrix? IF YES, fill out Reportable Drinking Water questions below.	YES	NO	NO
13a. Are the samples required for SDWA compliance reporting?	N/A	YES	NO
13b. Did the client provide a SDWA PWS ID#?	N/A	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	N/A	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?	N/A	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	N/A	YES	NO

Cooler # \_\_\_\_\_  
 Temperature (°C) 2  
 Thermometer ID: 504  
 Radiological (µCi) \_\_\_\_\_

COMMENTS (Required for all NO responses above and any sample non-conformance):



**Environmental**



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March 11, 2021

Maryland Environmental Services-LF Data  
Maryland Environmental Services  
259 Napoles Road  
Millersville, MD 21108

## Certificate of Analysis

Project Name: **BTR HAMPSTEAD WWTP**  
Purchase Order: **WWW**

Workorder: **3162287**  
Workorder ID: **BTR HAMPSTEAD WWTP**

Dear Maryland Services-LF Data:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, March 9, 2021. 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 J 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](http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads).

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CC: Mr. William Hempel, Maryland Environmental Services-WWW  
Data, Ms. Cheryl Griffin

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George J Methlie  
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3162287 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3162287001	BTR201	Water	3/9/2021 08:39	3/9/2021 18:40	Collected by Client

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## SAMPLE SUMMARY

Workorder: 3162287 BTR HAMPSTEAD WWTP

### 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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analyses 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 performed 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 of the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

### Standard Acronyms/Flags

- C Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
- 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)
- N Indicates presumptive evidence of the presence of a compound
- MDL Method Detection Limit
- PQL Practical Quantitation Limit
- RDL Reporting Detection Limit
- ND Not Detected - indicates that the analyte was Not Detected at the RDL
- 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 Limit of Detection
- LOQ 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

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343



**PROJECT SUMMARY**

Workorder: 3162287 BTR HAMPSTEAD WWTP

**Workorder Comments**

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3162287 BTR HAMPSTEAD WWTP

Lab ID: 3162287001  
Sample ID: BTR201

Date Collected: 3/9/2021 06:39 Matrix: Water  
Date Received: 3/9/2021 18:40

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Tetrachloroethene	ND	C	ug/L	0.50	EPA.624.1			3/11/21 11:52	PDK	A
1,1,1-Trichloroethane	ND	C	ug/L	0.50	EPA.624.1			3/11/21 11:52	PDK	A
Trichloroethene	ND	C	ug/L	0.50	EPA.624.1			3/11/21 11:52	PDK	A
Surrogate Recoveries	Results	Flag	Units	Limits	Method	Prepared	By	Analyzed	By	Cntr
1,2-Dichloroethane-d4 (S)	102	C	%	72 - 142	EPA.624.1			3/11/21 11:52	PDK	A
4-Bromofluorobenzene (S)	96.7	C	%	73 - 119	EPA.624.1			3/11/21 11:52	PDK	A
Dibromofluoromethane (S)	93.5	C	%	74 - 132	EPA.624.1			3/11/21 11:52	PDK	A
Toluene-d8 (S)	98	C	%	75 - 133	EPA.624.1			3/11/21 11:52	PDK	A

George J Methlie  
Project Coordinator

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State Certifications: FL E871113, WA C999, MD 128, VA 460157, WV DW 9961-C, WV 343

**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3162287 BTR HAMPSTEAD WWTP

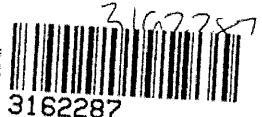
Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3162287001	BTR201	EPA 624.1		

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## CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

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



Laboratory <u>ALS</u>	Sampler Name <u>Gareth Schell</u>
Client Name/Phone/FAX Maryland Environmental Service	Project Name BTR Hampstead WWTP
Client Address 259 Najoles Rd., Millersville, MD 21108 410-729-8200	Business Unit 593-9384-1700
Invoice Address	Sample Turnaround Time Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR4	BTR201	Monthly Grab	40 ml Glass VOA Vial, HCL	WW	3	3/9/21	0839	1,1,1-Trichlorethane, PCE, TCE by 624 (Profile 653888, Line 7)
<del>BTR4</del>	<del>BTR201</del>	<del>Monthly Grab</del>	<del>40 ml Glass VOA Vial, HCL</del>	<del>WW</del>	<del>3</del>	<del>3/9/21</del>	<del>0839</del>	<del>1,1,1-Trichlorethane, PCE, TCE by 624 (Profile 653888, Line 7)</del>

Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>3/9/21</u>	Time: <u>1050</u>	Cooler Receipt Information (LAB USE ONLY)
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>3/9/21</u>	Time: <u>1500</u>	Sufficient ice? - Yes/No Temp = _____
Transferred by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>3/9/21</u>	Time: <u>1800</u>	Sample containers properly pres'd? - Yes/No If No, explain
Initials: _____ Date: <u>20<sup>o</sup> TH 5/24</u>				



301 Fulling Mill Road  
 Middletown, PA 17057  
 P: (717) 944-5541  
 F: (717) 944-1430

# Condition of Sample Receipt Form

Work Ord: **3162287**

Initials: **AS**

Date: **3/10/21**

Maryland Environmental Services - W/W/W

Client: \_\_\_\_\_  
 Tracking: \_\_\_\_\_  
 1. Were airbills / tracking numbers present and recorded? YES NO

2. Are Custody Seals on shipping containers intact? YES NO

3. Are Custody Seals on sample containers intact? YES NO

4. Is there a COC (Chain-of-Custody) present? YES NO

5. Are the COC and bottle labels complete, legible and in agreement? YES NO

5a. Does the COC contain sample locations? YES NO

5b. Does the COC contain date and time of sample collection for all samples? YES NO

5c. Does the COC contain sample collectors name? YES NO

5d. Does the COC note the type(s) of preservation for all bottles? YES NO

5e. Does the COC note the number of bottles submitted for each sample? YES NO

5f. Does the COC note the type of sample, composite or grab? YES NO

5g. Does the COC note the matrix of the sample(s)? YES NO

6. Are all aqueous samples requiring preservation preserved correctly? YES NO

7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume? YES NO

8. Are all samples within holding times for the requested analyses? YES NO

9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.) YES NO

10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524-2 and 1631E (LL Hg)? YES NO

11. Were the samples received on ice? YES NO

12. Were sample temperatures measured at 0-6.0°C? YES NO

13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below. YES NO

13a. Are the samples required for SDWA compliance reporting? YES NO

13b. Did the client provide a SDWA PWS ID#? YES NO

13c. Are all aqueous unpreserved SDWA samples pH 5-9? YES NO

13d. Did the client provide the SDWA sample location ID/Description? YES NO

13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)? YES NO

Cooler #: \_\_\_\_\_

Temperature (°C): 2

Thermometer ID: SD4

Radiological (µCi): \_\_\_\_\_

COMMENTS (Required for all NO responses above and any sample non-conformance):

\*Final determination of correct preservation for analysis such as volatiles, microbiology, and oil and grease is made in the analytical department at the time of or following the analysis

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**APPENDIX D**  
**GROUNDWATER ANALYTICAL DATA PACKAGE**  
**(FEBRUARY 2021)**

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Environment Testing  
America

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## ANALYTICAL REPORT

Eurofins TestAmerica, Chicago  
2417 Bond Street  
University Park, IL 60484  
Tel: (708)534-5200

Laboratory Job ID: 500-194794-1  
Client Project/Site: Black and Decker

For:  
Weston Solutions, Inc.  
1400 Weston Way  
PO BOX 2653  
West Chester, Pennsylvania 19380

Attn: Mr. Richard Merhar

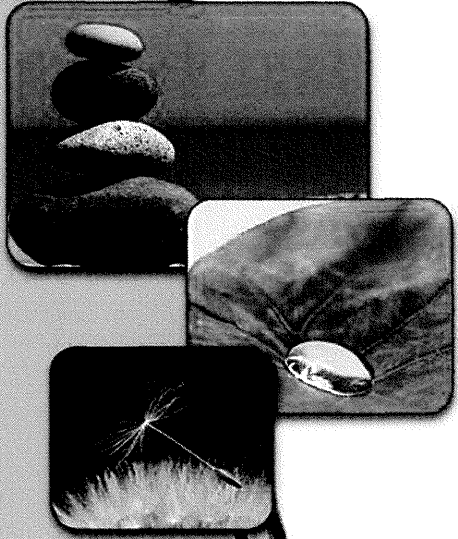
*Jodie Bracken*

Authorized for release by:  
2/18/2021 10:44:49 AM

Jodie Bracken, Project Management Assistant II  
Jodie.Bracken@Eurofinset.com

Designee for

Richard Wright, Senior Project Manager  
(708)746-0045  
Richard.Wright@Eurofinset.com



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*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

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## Job ID: 500-194794-1

---

Laboratory: Eurofins TestAmerica, Chicago

### Narrative

---

#### Job Narrative

500-194794-1

#### Receipt

The samples were received on 2/11/2021 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° C.

#### Receipt Exceptions

Received 2 VOA vials for sample 4 with headspace.

#### GC/MS VOA

Method 8260B: Acetone was detected in the following samples: RFW-4B Dup (500-194794-19), RFW-6 (500-194794-20), RFW-9 (500-194794-22), RFW-11B (500-194794-23), RFW-12B (500-194794-24) and RFW-13 (500-194794-25). The method blank associated with these samples were non-detect for Acetone. Acetone is known lab contaminant; therefore all low level detects for this compound should be suspected as lab contamination.

Method 8260B: The laboratory control sample (LCS) for 585171 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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



# Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Client Sample ID: EW-2

Lab Sample ID: 500-194794-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	81		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	31		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-3

Lab Sample ID: 500-194794-2

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		8260B	Total/NA
Trichloroethene	14		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.71	J	1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-4

Lab Sample ID: 500-194794-3

No Detections.

## Client Sample ID: EW-5

Lab Sample ID: 500-194794-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	50		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-6

Lab Sample ID: 500-194794-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.1		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.8		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-7

Lab Sample ID: 500-194794-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	2.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.8		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-8

Lab Sample ID: 500-194794-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.65	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	18		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	54		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-9

Lab Sample ID: 500-194794-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.45	J	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	62		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-9 Dup

Lab Sample ID: 500-194794-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	74		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: EW-10

Lab Sample ID: 500-194794-10

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

# Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: Trip Blank** **Lab Sample ID: 500-194794-11**

No Detections.

**Client Sample ID: RFW-1A** **Lab Sample ID: 500-194794-12**

No Detections.

**Client Sample ID: RFW-1B** **Lab Sample ID: 500-194794-13**

No Detections.

**Client Sample ID: RFW-2A** **Lab Sample ID: 500-194794-14**

No Detections.

**Client Sample ID: RFW-2B** **Lab Sample ID: 500-194794-15**

No Detections.

**Client Sample ID: RFW-3B** **Lab Sample ID: 500-194794-16**

No Detections.

**Client Sample ID: RFW-4A** **Lab Sample ID: 500-194794-17**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.43	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	18		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.5		1.0	0.37	ug/L	1		8260B	Total/NA

**Client Sample ID: RFW-4B** **Lab Sample ID: 500-194794-18**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	0.98	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	48		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	60		1.0	0.37	ug/L	1		8260B	Total/NA

**Client Sample ID: RFW-4B Dup** **Lab Sample ID: 500-194794-19**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.7	J	10	1.7	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.2	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	65		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	78		1.0	0.37	ug/L	1		8260B	Total/NA

**Client Sample ID: RFW-6** **Lab Sample ID: 500-194794-20**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	1.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.37	ug/L	1		8260B	Total/NA

**Client Sample ID: RFW-7** **Lab Sample ID: 500-194794-21**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	34		10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	0.24	J	0.50	0.16	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

# Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Client Sample ID: RFW-9

## Lab Sample ID: 500-194794-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.8	J	10	1.7	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.4		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	3.6		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.0		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: RFW-11B

## Lab Sample ID: 500-194794-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.2	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	0.58		0.50	0.16	ug/L	1		8260B	Total/NA

## Client Sample ID: RFW-12B

## Lab Sample ID: 500-194794-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	1.7	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	40		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.3		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: RFW-13

## Lab Sample ID: 500-194794-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J	10	1.7	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	4.8		1.0	0.35	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.0		1.0	0.37	ug/L	1		8260B	Total/NA

## Client Sample ID: RFW-17

## Lab Sample ID: 500-194794-26

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

# Method Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

---

Method	Method Description	Protocol	Laboratory
8260B	VOC	SW846	TAL CHI
5030B	Purge and Trap	SW846	TAL CHI

---

**Protocol References:**

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

**Laboratory References:**

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



# Sample Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-194794-1	EW-2	Water	02/10/21 11:10	02/11/21 11:00	
500-194794-2	EW-3	Water	02/10/21 12:25	02/11/21 11:00	
500-194794-3	EW-4	Water	02/10/21 12:45	02/11/21 11:00	
500-194794-4	EW-5	Water	02/10/21 13:20	02/11/21 11:00	
500-194794-5	EW-6	Water	02/09/21 12:45	02/11/21 11:00	
500-194794-6	EW-7	Water	02/09/21 12:55	02/11/21 11:00	
500-194794-7	EW-8	Water	02/09/21 13:00	02/11/21 11:00	
500-194794-8	EW-9	Water	02/09/21 15:00	02/11/21 11:00	
500-194794-9	EW-9 Dup	Water	02/09/21 15:00	02/11/21 11:00	
500-194794-10	EW-10	Water	02/09/21 14:50	02/11/21 11:00	
500-194794-11	Trip Blank	Water	02/09/21 07:00	02/11/21 11:00	
500-194794-12	RFW-1A	Water	02/09/21 11:15	02/11/21 11:00	
500-194794-13	RFW-1B	Water	02/09/21 11:45	02/11/21 11:00	
500-194794-14	RFW-2A	Water	02/09/21 09:55	02/11/21 11:00	
500-194794-15	RFW-2B	Water	02/09/21 10:30	02/11/21 11:00	
500-194794-16	RFW-3B	Water	02/09/21 14:40	02/11/21 11:00	
500-194794-17	RFW-4A	Water	02/10/21 08:50	02/11/21 11:00	
500-194794-18	RFW-4B	Water	02/10/21 08:10	02/11/21 11:00	
500-194794-19	RFW-4B Dup	Water	02/10/21 08:10	02/11/21 11:00	
500-194794-20	RFW-6	Water	02/09/21 12:35	02/11/21 11:00	
500-194794-21	RFW-7	Water	02/09/21 13:45	02/11/21 11:00	
500-194794-22	RFW-9	Water	02/09/21 16:35	02/11/21 11:00	
500-194794-23	RFW-11B	Water	02/10/21 12:30	02/11/21 11:00	
500-194794-24	RFW-12B	Water	02/10/21 11:30	02/11/21 11:00	
500-194794-25	RFW-13	Water	02/10/21 10:20	02/11/21 11:00	
500-194794-26	RFW-17	Water	02/09/21 15:45	02/11/21 11:00	



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-2**

**Lab Sample ID: 500-194794-1**

Date Collected: 02/10/21 11:10

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 13:24	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 13:24	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 13:24	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 13:24	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 13:24	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 13:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 13:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 13:24	1
Acetone	<10		10	1.7	ug/L			02/16/21 13:24	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 13:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 13:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 13:24	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 13:24	1
cis-1,2-Dichloroethene	1.3		1.0	0.41	ug/L			02/16/21 13:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 13:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 13:24	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 13:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 13:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 13:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 13:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
Trichloroethene	81		0.50	0.16	ug/L			02/16/21 13:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 13:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 13:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 13:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 13:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 13:24	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 13:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 13:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 13:24	1
Tetrachloroethene	31		1.0	0.37	ug/L			02/16/21 13:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 13:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 13:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 13:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 13:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 13:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 13:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 13:24	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 13:24	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 13:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 13:24	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 13:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 13:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 13:24	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-2**  
**Date Collected: 02/10/21 11:10**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-1**  
**Matrix: Water**

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 13:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 13:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 13:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 13:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 13:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 13:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 13:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 13:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 13:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 13:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 13:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 13:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 13:24	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 13:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 13:24	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	98		75 - 126					02/16/21 13:24	1
Toluene-d8 (Surr)	98		75 - 120					02/16/21 13:24	1
4-Bromofluorobenzene (Surr)	100		72 - 124					02/16/21 13:24	1
Dibromofluoromethane	84		75 - 120					02/16/21 13:24	1





# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-3**

**Lab Sample ID: 500-194794-2**

**Date Collected: 02/10/21 12:25**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 13:52	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 13:52	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 13:52	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 13:52	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 13:52	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 13:52	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 13:52	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 13:52	1
Acetone	<10		10	1.7	ug/L			02/16/21 13:52	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 13:52	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 13:52	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 13:52	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 13:52	1
cis-1,2-Dichloroethene	1.8		1.0	0.41	ug/L			02/16/21 13:52	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 13:52	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 13:52	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 13:52	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 13:52	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 13:52	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 13:52	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
Trichloroethene	14		0.50	0.16	ug/L			02/16/21 13:52	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 13:52	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 13:52	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 13:52	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 13:52	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 13:52	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 13:52	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 13:52	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 13:52	1
Tetrachloroethene	0.71	J	1.0	0.37	ug/L			02/16/21 13:52	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 13:52	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 13:52	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 13:52	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 13:52	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 13:52	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 13:52	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 13:52	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 13:52	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 13:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 13:52	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 13:52	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 13:52	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 13:52	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-3**  
**Date Collected: 02/10/21 12:25**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-2**  
**Matrix: Water**

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 13:52	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 13:52	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 13:52	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 13:52	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 13:52	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 13:52	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 13:52	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 13:52	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 13:52	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 13:52	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 13:52	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 13:52	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 13:52	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 13:52	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 13:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	110		75 - 126					02/16/21 13:52	1
Toluene-d8 (Surr)	80		75 - 120					02/16/21 13:52	1
4-Bromofluorobenzene (Surr)	73		72 - 124					02/16/21 13:52	1
Dibromofluoromethane	95		75 - 120					02/16/21 13:52	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-4**

**Lab Sample ID: 500-194794-3**

**Date Collected: 02/10/21 12:45**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 14:19	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 14:19	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 14:19	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 14:19	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 14:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 14:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 14:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 14:19	1
Acetone	<10		10	1.7	ug/L			02/16/21 14:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 14:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 14:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 14:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 14:19	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 14:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 14:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 14:19	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 14:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 14:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 14:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 14:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 14:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 14:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 14:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 14:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 14:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 14:19	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 14:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 14:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 14:19	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 14:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 14:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 14:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 14:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 14:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 14:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 14:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 14:19	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 14:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 14:19	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 14:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 14:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 14:19	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-4**

**Lab Sample ID: 500-194794-3**

Date Collected: 02/10/21 12:45

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 14:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 14:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 14:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 14:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 14:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 14:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 14:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 14:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 14:19	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	112		75 - 126					02/16/21 14:19	1
Toluene-d8 (Surr)	81		75 - 120					02/16/21 14:19	1
4-Bromofluorobenzene (Surr)	86		72 - 124					02/16/21 14:19	1
Dibromofluoromethane	106		75 - 120					02/16/21 14:19	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-5**

**Lab Sample ID: 500-194794-4**

**Date Collected: 02/10/21 13:20**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 14:46	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 14:46	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 14:46	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 14:46	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 14:46	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 14:46	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 14:46	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 14:46	1
Acetone	<10		10	1.7	ug/L			02/16/21 14:46	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 14:46	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 14:46	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 14:46	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 14:46	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 14:46	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 14:46	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 14:46	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 14:46	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 14:46	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 14:46	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 14:46	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
<b>Trichloroethene</b>	<b>50</b>		0.50	0.16	ug/L			02/16/21 14:46	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 14:46	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 14:46	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 14:46	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 14:46	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 14:46	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 14:46	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 14:46	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 14:46	1
<b>Tetrachloroethene</b>	<b>1.1</b>		1.0	0.37	ug/L			02/16/21 14:46	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 14:46	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 14:46	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 14:46	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 14:46	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 14:46	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 14:46	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 14:46	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 14:46	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 14:46	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 14:46	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 14:46	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 14:46	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-5**

**Lab Sample ID: 500-194794-4**

Date Collected: 02/10/21 13:20

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 14:46	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 14:46	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:46	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:46	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:46	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 14:46	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:46	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:46	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 14:46	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 14:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 14:46	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 14:46	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 14:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 14:46	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	97		75 - 126					02/16/21 14:46	1
Toluene-d8 (Surr)	95		75 - 120					02/16/21 14:46	1
4-Bromofluorobenzene (Surr)	92		72 - 124					02/16/21 14:46	1
Dibromofluoromethane	88		75 - 120					02/16/21 14:46	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-6**

**Lab Sample ID: 500-194794-5**

**Date Collected: 02/09/21 12:45**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 15:13	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 15:13	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 15:13	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 15:13	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 15:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 15:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 15:13	1
Acetone	<10		10	1.7	ug/L			02/16/21 15:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 15:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 15:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 15:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 15:13	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 15:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 15:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:13	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 15:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 15:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 15:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 15:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
<b>Trichloroethene</b>	<b>3.1</b>		0.50	0.16	ug/L			02/16/21 15:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 15:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 15:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 15:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 15:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 15:13	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 15:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 15:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 15:13	1
<b>Tetrachloroethene</b>	<b>6.8</b>		1.0	0.37	ug/L			02/16/21 15:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 15:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 15:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 15:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 15:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 15:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 15:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 15:13	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 15:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 15:13	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 15:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 15:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 15:13	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-6**

**Lab Sample ID: 500-194794-5**

Date Collected: 02/09/21 12:45

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 15:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 15:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 15:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 15:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 15:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 15:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 15:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 15:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 15:13	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	112		75 - 126					02/16/21 15:13	1
Toluene-d8 (Surr)	80		75 - 120					02/16/21 15:13	1
4-Bromofluorobenzene (Surr)	89		72 - 124					02/16/21 15:13	1
Dibromofluoromethane	108		75 - 120					02/16/21 15:13	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-7**

**Lab Sample ID: 500-194794-6**

Date Collected: 02/09/21 12:55

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 15:40	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 15:40	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 15:40	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 15:40	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 15:40	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 15:40	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:40	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 15:40	1
Acetone	<10		10	1.7	ug/L			02/16/21 15:40	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 15:40	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 15:40	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 15:40	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 15:40	1
cis-1,2-Dichloroethene	3.7		1.0	0.41	ug/L			02/16/21 15:40	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 15:40	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:40	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 15:40	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 15:40	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 15:40	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 15:40	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
Trichloroethene	2.5		0.50	0.16	ug/L			02/16/21 15:40	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 15:40	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 15:40	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 15:40	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 15:40	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 15:40	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 15:40	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 15:40	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 15:40	1
Tetrachloroethene	8.8		1.0	0.37	ug/L			02/16/21 15:40	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 15:40	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 15:40	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 15:40	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 15:40	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 15:40	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 15:40	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 15:40	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 15:40	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 15:40	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 15:40	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 15:40	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 15:40	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-7**  
 Date Collected: 02/09/21 12:55  
 Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-6**  
 Matrix: Water

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 15:40	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 15:40	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:40	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:40	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:40	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:40	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 15:40	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:40	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:40	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 15:40	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 15:40	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 15:40	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 15:40	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 15:40	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 15:40	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	97		75 - 126					02/16/21 15:40	1
Toluene-d8 (Surr)	116		75 - 120					02/16/21 15:40	1
4-Bromofluorobenzene (Surr)	96		72 - 124					02/16/21 15:40	1
Dibromofluoromethane	94		75 - 120					02/16/21 15:40	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-8**

**Lab Sample ID: 500-194794-7**

Date Collected: 02/09/21 13:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 16:08	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 16:08	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 16:08	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 16:08	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 16:08	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 16:08	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:08	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 16:08	1
Acetone	<10		10	1.7	ug/L			02/16/21 16:08	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 16:08	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 16:08	1
1,1-Dichloroethane	0.65	J	1.0	0.41	ug/L			02/16/21 16:08	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 16:08	1
cis-1,2-Dichloroethene	18		1.0	0.41	ug/L			02/16/21 16:08	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 16:08	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:08	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 16:08	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 16:08	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 16:08	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 16:08	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 16:08	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 16:08	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 16:08	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 16:08	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 16:08	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 16:08	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 16:08	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 16:08	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 16:08	1
Tetrachloroethene	54		1.0	0.37	ug/L			02/16/21 16:08	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 16:08	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 16:08	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 16:08	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 16:08	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 16:08	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 16:08	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 16:08	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 16:08	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:08	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 16:08	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 16:08	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 16:08	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 16:08	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-8**

**Lab Sample ID: 500-194794-7**

Date Collected: 02/09/21 13:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 16:08	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 16:08	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:08	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:08	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:08	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:08	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 16:08	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:08	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:08	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 16:08	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 16:08	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 16:08	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 16:08	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 16:08	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 16:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					02/16/21 16:08	1
Toluene-d8 (Surr)	89		75 - 120					02/16/21 16:08	1
4-Bromofluorobenzene (Surr)	86		72 - 124					02/16/21 16:08	1
Dibromofluoromethane	91		75 - 120					02/16/21 16:08	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-9**

**Lab Sample ID: 500-194794-8**

Date Collected: 02/09/21 15:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 16:35	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 16:35	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 16:35	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 16:35	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 16:35	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 16:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 16:35	1
Acetone	<10		10	1.7	ug/L			02/16/21 16:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 16:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 16:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 16:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 16:35	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 16:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 16:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:35	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 16:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 16:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 16:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 16:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
Trichloroethene	0.45	J	0.50	0.16	ug/L			02/16/21 16:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 16:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 16:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 16:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 16:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 16:35	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 16:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 16:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 16:35	1
Tetrachloroethene	62		1.0	0.37	ug/L			02/16/21 16:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 16:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 16:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 16:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 16:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 16:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 16:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 16:35	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 16:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 16:35	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 16:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 16:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 16:35	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-9**

**Lab Sample ID: 500-194794-8**

Date Collected: 02/09/21 15:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 16:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 16:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 16:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 16:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 16:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 16:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 16:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 16:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 16:35	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	107		75 - 126					02/16/21 16:35	1
Toluene-d8 (Surr)	77		75 - 120					02/16/21 16:35	1
4-Bromofluorobenzene (Surr)	87		72 - 124					02/16/21 16:35	1
Dibromofluoromethane	96		75 - 120					02/16/21 16:35	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-9 Dup**

**Lab Sample ID: 500-194794-9**

**Date Collected: 02/09/21 15:00**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 17:02	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 17:02	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 17:02	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 17:02	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 17:02	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 17:02	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:02	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 17:02	1
Acetone	<10		10	1.7	ug/L			02/16/21 17:02	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 17:02	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 17:02	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 17:02	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 17:02	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 17:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 17:02	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:02	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 17:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 17:02	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 17:02	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 17:02	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 17:02	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 17:02	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 17:02	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 17:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 17:02	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 17:02	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 17:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 17:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 17:02	1
<b>Tetrachloroethene</b>	<b>74</b>		1.0	0.37	ug/L			02/16/21 17:02	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 17:02	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 17:02	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 17:02	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 17:02	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 17:02	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 17:02	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 17:02	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 17:02	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 17:02	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 17:02	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 17:02	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 17:02	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-9 Dup**

**Lab Sample ID: 500-194794-9**

Date Collected: 02/09/21 15:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 17:02	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 17:02	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:02	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:02	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:02	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 17:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:02	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 17:02	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 17:02	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 17:02	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 17:02	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 17:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 17:02	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	115		75 - 126					02/16/21 17:02	1
Toluene-d8 (Surr)	94		75 - 120					02/16/21 17:02	1
4-Bromofluorobenzene (Surr)	88		72 - 124					02/16/21 17:02	1
Dibromofluoromethane	94		75 - 120					02/16/21 17:02	1





# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-10**  
**Date Collected: 02/09/21 14:50**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-10**  
**Matrix: Water**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 17:29	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 17:29	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 17:29	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 17:29	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 17:29	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 17:29	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:29	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 17:29	1
Acetone	<10		10	1.7	ug/L			02/16/21 17:29	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 17:29	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 17:29	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 17:29	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 17:29	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 17:29	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 17:29	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:29	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 17:29	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 17:29	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 17:29	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 17:29	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 17:29	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 17:29	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 17:29	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 17:29	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 17:29	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 17:29	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 17:29	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 17:29	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 17:29	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 17:29	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 17:29	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 17:29	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 17:29	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 17:29	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 17:29	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 17:29	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 17:29	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 17:29	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 17:29	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 17:29	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 17:29	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 17:29	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-10**

**Lab Sample ID: 500-194794-10**

Date Collected: 02/09/21 14:50

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 17:29	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 17:29	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:29	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:29	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:29	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:29	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 17:29	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:29	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:29	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 17:29	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 17:29	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 17:29	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 17:29	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 17:29	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 17:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	114		75 - 126					02/16/21 17:29	1
Toluene-d8 (Surr)	97		75 - 120					02/16/21 17:29	1
4-Bromofluorobenzene (Surr)	96		72 - 124					02/16/21 17:29	1
Dibromofluoromethane	93		75 - 120					02/16/21 17:29	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 500-194794-11**

Date Collected: 02/09/21 07:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 12:57	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 12:57	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 12:57	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 12:57	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 12:57	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 12:57	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 12:57	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 12:57	1
Acetone	<10		10	1.7	ug/L			02/16/21 12:57	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 12:57	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 12:57	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 12:57	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 12:57	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 12:57	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 12:57	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 12:57	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 12:57	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 12:57	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 12:57	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 12:57	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 12:57	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 12:57	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 12:57	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 12:57	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 12:57	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 12:57	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 12:57	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 12:57	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 12:57	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 12:57	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 12:57	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 12:57	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 12:57	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 12:57	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 12:57	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 12:57	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 12:57	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 12:57	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:57	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 12:57	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 12:57	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 12:57	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 12:57	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 500-194794-11**

Date Collected: 02/09/21 07:00

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 12:57	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 12:57	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:57	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:57	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:57	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:57	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 12:57	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:57	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:57	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 12:57	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 12:57	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 12:57	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 12:57	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 12:57	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 12:57	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	103		75 - 126					02/16/21 12:57	1
Toluene-d8 (Surr)	82		75 - 120					02/16/21 12:57	1
4-Bromofluorobenzene (Surr)	91		72 - 124					02/16/21 12:57	1
Dibromofluoromethane	91		75 - 120					02/16/21 12:57	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-1A**

**Lab Sample ID: 500-194794-12**

**Date Collected: 02/09/21 11:15**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 17:56	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 17:56	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 17:56	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 17:56	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 17:56	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 17:56	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:56	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 17:56	1
Acetone	<10		10	1.7	ug/L			02/16/21 17:56	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 17:56	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 17:56	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 17:56	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 17:56	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 17:56	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 17:56	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:56	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 17:56	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 17:56	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 17:56	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 17:56	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 17:56	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 17:56	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 17:56	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 17:56	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 17:56	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 17:56	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 17:56	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 17:56	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 17:56	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 17:56	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 17:56	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 17:56	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 17:56	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 17:56	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 17:56	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 17:56	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 17:56	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 17:56	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 17:56	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 17:56	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 17:56	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 17:56	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-1A**

**Lab Sample ID: 500-194794-12**

Date Collected: 02/09/21 11:15

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 17:56	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 17:56	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:56	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:56	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:56	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:56	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 17:56	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:56	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:56	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 17:56	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 17:56	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 17:56	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 17:56	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 17:56	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		75 - 126		02/16/21 17:56	1
Toluene-d8 (Surr)	97		75 - 120		02/16/21 17:56	1
4-Bromofluorobenzene (Surr)	96		72 - 124		02/16/21 17:56	1
Dibromofluoromethane	95		75 - 120		02/16/21 17:56	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-1B**

**Lab Sample ID: 500-194794-13**

**Date Collected: 02/09/21 11:45**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 18:24	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 18:24	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 18:24	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 18:24	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 18:24	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 18:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 18:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 18:24	1
Acetone	<10		10	1.7	ug/L			02/16/21 18:24	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 18:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 18:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 18:24	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 18:24	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 18:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 18:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 18:24	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 18:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 18:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 18:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 18:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 18:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 18:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 18:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 18:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 18:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 18:24	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 18:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 18:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 18:24	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 18:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 18:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 18:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 18:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 18:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 18:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 18:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 18:24	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 18:24	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 18:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 18:24	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 18:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 18:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 18:24	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-1B**

**Lab Sample ID: 500-194794-13**

Date Collected: 02/09/21 11:45

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 18:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 18:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 18:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 18:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 18:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 18:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 18:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 18:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 18:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 18:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 18:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 18:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 18:24	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 18:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 18:24	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	113		75 - 126					02/16/21 18:24	1
Toluene-d8 (Surr)	97		75 - 120					02/16/21 18:24	1
4-Bromofluorobenzene (Surr)	95		72 - 124					02/16/21 18:24	1
Dibromofluoromethane	93		75 - 120					02/16/21 18:24	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-2A**  
**Date Collected: 02/09/21 09:55**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-14**  
**Matrix: Water**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 18:51	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 18:51	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 18:51	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 18:51	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 18:51	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 18:51	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 18:51	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 18:51	1
Acetone	<10		10	1.7	ug/L			02/16/21 18:51	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 18:51	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 18:51	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 18:51	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 18:51	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 18:51	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 18:51	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 18:51	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 18:51	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 18:51	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 18:51	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 18:51	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 18:51	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 18:51	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 18:51	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 18:51	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 18:51	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 18:51	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 18:51	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 18:51	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 18:51	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 18:51	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 18:51	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 18:51	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 18:51	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 18:51	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 18:51	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 18:51	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 18:51	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 18:51	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 18:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 18:51	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 18:51	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 18:51	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 18:51	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-2A**

**Lab Sample ID: 500-194794-14**

Date Collected: 02/09/21 09:55

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 18:51	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 18:51	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 18:51	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 18:51	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 18:51	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 18:51	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 18:51	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 18:51	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 18:51	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 18:51	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 18:51	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 18:51	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 18:51	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 18:51	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 18:51	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	112		75 - 126					02/16/21 18:51	1
Toluene-d8 (Surr)	98		75 - 120					02/16/21 18:51	1
4-Bromofluorobenzene (Surr)	96		72 - 124					02/16/21 18:51	1
Dibromofluoromethane	92		75 - 120					02/16/21 18:51	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-2B**

**Lab Sample ID: 500-194794-15**

Date Collected: 02/09/21 10:30

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 19:18	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 19:18	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 19:18	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 19:18	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 19:18	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 19:18	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 19:18	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 19:18	1
Acetone	<10		10	1.7	ug/L			02/16/21 19:18	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 19:18	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 19:18	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 19:18	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 19:18	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 19:18	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 19:18	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 19:18	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 19:18	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 19:18	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 19:18	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 19:18	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 19:18	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 19:18	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 19:18	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 19:18	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 19:18	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 19:18	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 19:18	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 19:18	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 19:18	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 19:18	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 19:18	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 19:18	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 19:18	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 19:18	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 19:18	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 19:18	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 19:18	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 19:18	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 19:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 19:18	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 19:18	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 19:18	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 19:18	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-2B**

**Lab Sample ID: 500-194794-15**

Date Collected: 02/09/21 10:30

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 19:18	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 19:18	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 19:18	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 19:18	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 19:18	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 19:18	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 19:18	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 19:18	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 19:18	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 19:18	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 19:18	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 19:18	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 19:18	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 19:18	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 19:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	115		75 - 126					02/16/21 19:18	1
Toluene-d8 (Surr)	97		75 - 120					02/16/21 19:18	1
4-Bromofluorobenzene (Surr)	98		72 - 124					02/16/21 19:18	1
Dibromofluoromethane	94		75 - 120					02/16/21 19:18	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-3B**

**Lab Sample ID: 500-194794-16**

Date Collected: 02/09/21 14:40

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 19:45	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 19:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 19:45	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 19:45	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 19:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 19:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 19:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 19:45	1
Acetone	<10		10	1.7	ug/L			02/16/21 19:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 19:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 19:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 19:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 19:45	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 19:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 19:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 19:45	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 19:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 19:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 19:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 19:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 19:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 19:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 19:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 19:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 19:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 19:45	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 19:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 19:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 19:45	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 19:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 19:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 19:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 19:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 19:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 19:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 19:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 19:45	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 19:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 19:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 19:45	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 19:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 19:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 19:45	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-3B**

**Lab Sample ID: 500-194794-16**

Date Collected: 02/09/21 14:40

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 19:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 19:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 19:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 19:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 19:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 19:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 19:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 19:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 19:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 19:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 19:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 19:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 19:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 19:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 19:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	108		75 - 126					02/16/21 19:45	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 19:45	1
4-Bromofluorobenzene (Surr)	81		72 - 124					02/16/21 19:45	1
Dibromofluoromethane	91		75 - 120					02/16/21 19:45	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-4A**

**Lab Sample ID: 500-194794-17**

Date Collected: 02/10/21 08:50

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 20:13	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 20:13	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 20:13	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 20:13	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 20:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 20:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 20:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 20:13	1
Acetone	<10		10	1.7	ug/L			02/16/21 20:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 20:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 20:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 20:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 20:13	1
cis-1,2-Dichloroethene	0.43	J	1.0	0.41	ug/L			02/16/21 20:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 20:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 20:13	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 20:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 20:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 20:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 20:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
Trichloroethene	18		0.50	0.16	ug/L			02/16/21 20:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 20:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 20:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 20:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 20:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 20:13	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 20:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 20:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 20:13	1
Tetrachloroethene	9.5		1.0	0.37	ug/L			02/16/21 20:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 20:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 20:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 20:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 20:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 20:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 20:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 20:13	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 20:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 20:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 20:13	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 20:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 20:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 20:13	1

Eurofins TestAmerica, Chicago

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-4A**

**Lab Sample ID: 500-194794-17**

Date Collected: 02/10/21 08:50

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 20:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 20:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 20:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 20:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 20:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 20:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 20:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 20:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 20:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 20:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 20:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 20:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 20:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 20:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 20:13	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	114		75 - 126					02/16/21 20:13	1
Toluene-d8 (Surr)	97		75 - 120					02/16/21 20:13	1
4-Bromofluorobenzene (Surr)	96		72 - 124					02/16/21 20:13	1
Dibromofluoromethane	94		75 - 120					02/16/21 20:13	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-4B**

**Lab Sample ID: 500-194794-18**

Date Collected: 02/10/21 08:10

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 20:40	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 20:40	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 20:40	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 20:40	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 20:40	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 20:40	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 20:40	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 20:40	1
Acetone	<10		10	1.7	ug/L			02/16/21 20:40	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 20:40	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 20:40	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 20:40	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 20:40	1
cis-1,2-Dichloroethene	2.1		1.0	0.41	ug/L			02/16/21 20:40	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 20:40	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 20:40	1
Chloroform	0.98	J	2.0	0.37	ug/L			02/16/21 20:40	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 20:40	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 20:40	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 20:40	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
Trichloroethene	48		0.50	0.16	ug/L			02/16/21 20:40	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 20:40	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 20:40	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 20:40	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 20:40	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 20:40	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 20:40	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 20:40	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 20:40	1
Tetrachloroethene	60		1.0	0.37	ug/L			02/16/21 20:40	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 20:40	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 20:40	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 20:40	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 20:40	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 20:40	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 20:40	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 20:40	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 20:40	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 20:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 20:40	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 20:40	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 20:40	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 20:40	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-4B**

**Lab Sample ID: 500-194794-18**

Date Collected: 02/10/21 08:10

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 20:40	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 20:40	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 20:40	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 20:40	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 20:40	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 20:40	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 20:40	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 20:40	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 20:40	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 20:40	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 20:40	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 20:40	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 20:40	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 20:40	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 20:40	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	101		75 - 126					02/16/21 20:40	1
Toluene-d8 (Surr)	96		75 - 120					02/16/21 20:40	1
4-Bromofluorobenzene (Surr)	89		72 - 124					02/16/21 20:40	1
Dibromofluoromethane	86		75 - 120					02/16/21 20:40	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-4B Dup**

**Lab Sample ID: 500-194794-19**

Date Collected: 02/10/21 08:10

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 14:04	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 14:04	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 14:04	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 14:04	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 14:04	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 14:04	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 14:04	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 14:04	1
Acetone	9.7	J	10	1.7	ug/L			02/16/21 14:04	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 14:04	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 14:04	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 14:04	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 14:04	1
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L			02/16/21 14:04	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 14:04	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 14:04	1
Chloroform	1.2	J	2.0	0.37	ug/L			02/16/21 14:04	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 14:04	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 14:04	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 14:04	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
Trichloroethene	65		0.50	0.16	ug/L			02/16/21 14:04	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 14:04	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 14:04	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 14:04	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 14:04	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 14:04	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 14:04	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 14:04	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 14:04	1
Tetrachloroethene	78		1.0	0.37	ug/L			02/16/21 14:04	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 14:04	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 14:04	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 14:04	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 14:04	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 14:04	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 14:04	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 14:04	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 14:04	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 14:04	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 14:04	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 14:04	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 14:04	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-4B Dup**

**Lab Sample ID: 500-194794-19**

Date Collected: 02/10/21 08:10

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 14:04	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 14:04	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:04	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:04	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:04	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 14:04	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 14:04	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 14:04	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 14:04	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 14:04	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 14:04	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 14:04	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 14:04	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 14:04	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 14:04	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					02/16/21 14:04	1
Toluene-d8 (Surr)	92		75 - 120					02/16/21 14:04	1
4-Bromofluorobenzene (Surr)	85		72 - 124					02/16/21 14:04	1
Dibromofluoromethane	110		75 - 120					02/16/21 14:04	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-6**  
**Date Collected: 02/09/21 12:35**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-20**  
**Matrix: Water**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 15:01	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 15:01	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 15:01	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 15:01	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 15:01	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 15:01	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:01	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 15:01	1
Acetone	7.2	J	10	1.7	ug/L			02/16/21 15:01	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 15:01	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 15:01	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 15:01	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 15:01	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 15:01	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 15:01	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:01	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 15:01	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 15:01	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 15:01	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 15:01	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
Trichloroethene	1.8		0.50	0.16	ug/L			02/16/21 15:01	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 15:01	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 15:01	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 15:01	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 15:01	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 15:01	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 15:01	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 15:01	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 15:01	1
Tetrachloroethene	1.1		1.0	0.37	ug/L			02/16/21 15:01	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 15:01	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 15:01	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 15:01	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 15:01	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 15:01	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 15:01	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 15:01	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 15:01	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:01	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 15:01	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 15:01	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 15:01	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 15:01	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-6**  
Date Collected: 02/09/21 12:35  
Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-20**  
Matrix: Water

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 15:01	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 15:01	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:01	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:01	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:01	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:01	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 15:01	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:01	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:01	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 15:01	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 15:01	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 15:01	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 15:01	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 15:01	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 15:01	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					02/16/21 15:01	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 15:01	1
4-Bromofluorobenzene (Surr)	87		72 - 124					02/16/21 15:01	1
Dibromofluoromethane	111		75 - 120					02/16/21 15:01	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-7**  
**Date Collected: 02/09/21 13:45**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-21**  
**Matrix: Water**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 15:29	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 15:29	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 15:29	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 15:29	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 15:29	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 15:29	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:29	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 15:29	1
Acetone	34		10	1.7	ug/L			02/16/21 15:29	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 15:29	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 15:29	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 15:29	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 15:29	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 15:29	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 15:29	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:29	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 15:29	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 15:29	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 15:29	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 15:29	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
Trichloroethene	0.24	J	0.50	0.16	ug/L			02/16/21 15:29	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 15:29	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 15:29	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 15:29	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 15:29	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 15:29	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 15:29	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 15:29	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 15:29	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 15:29	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 15:29	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 15:29	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 15:29	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 15:29	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 15:29	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 15:29	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 15:29	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 15:29	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 15:29	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 15:29	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 15:29	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 15:29	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-7**  
Date Collected: 02/09/21 13:45  
Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-21**  
Matrix: Water

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 15:29	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 15:29	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:29	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:29	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:29	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:29	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 15:29	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:29	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:29	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 15:29	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 15:29	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 15:29	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 15:29	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 15:29	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 15:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					02/16/21 15:29	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 15:29	1
4-Bromofluorobenzene (Surr)	87		72 - 124					02/16/21 15:29	1
Dibromofluoromethane	111		75 - 120					02/16/21 15:29	1





# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-9**

**Lab Sample ID: 500-194794-22**

Date Collected: 02/09/21 16:35

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 15:57	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 15:57	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 15:57	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 15:57	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 15:57	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 15:57	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:57	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 15:57	1
Acetone	5.8	J	10	1.7	ug/L			02/16/21 15:57	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 15:57	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 15:57	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 15:57	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 15:57	1
cis-1,2-Dichloroethene	6.4		1.0	0.41	ug/L			02/16/21 15:57	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 15:57	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 15:57	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 15:57	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 15:57	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 15:57	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 15:57	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
Trichloroethene	3.6		0.50	0.16	ug/L			02/16/21 15:57	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 15:57	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 15:57	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 15:57	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 15:57	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 15:57	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 15:57	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 15:57	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 15:57	1
Tetrachloroethene	2.0		1.0	0.37	ug/L			02/16/21 15:57	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 15:57	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 15:57	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 15:57	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 15:57	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 15:57	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 15:57	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 15:57	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 15:57	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:57	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 15:57	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 15:57	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 15:57	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 15:57	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-9**  
Date Collected: 02/09/21 16:35  
Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-22**  
Matrix: Water

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 15:57	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 15:57	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:57	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:57	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:57	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 15:57	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 15:57	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 15:57	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 15:57	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 15:57	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 15:57	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 15:57	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 15:57	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 15:57	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 15:57	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	92		75 - 126					02/16/21 15:57	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 15:57	1
4-Bromofluorobenzene (Surr)	87		72 - 124					02/16/21 15:57	1
Dibromofluoromethane	110		75 - 120					02/16/21 15:57	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-11B**

**Lab Sample ID: 500-194794-23**

Date Collected: 02/10/21 12:30

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 16:25	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 16:25	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 16:25	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 16:25	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 16:25	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 16:25	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:25	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 16:25	1
Acetone	5.2	J	10	1.7	ug/L			02/16/21 16:25	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 16:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 16:25	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 16:25	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 16:25	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 16:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 16:25	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:25	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 16:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 16:25	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 16:25	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 16:25	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
Trichloroethene	0.58		0.50	0.16	ug/L			02/16/21 16:25	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 16:25	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 16:25	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 16:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 16:25	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 16:25	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 16:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 16:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 16:25	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 16:25	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 16:25	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 16:25	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 16:25	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 16:25	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 16:25	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 16:25	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 16:25	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 16:25	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 16:25	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 16:25	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 16:25	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 16:25	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-11B**

**Lab Sample ID: 500-194794-23**

Date Collected: 02/10/21 12:30

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 16:25	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 16:25	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:25	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:25	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:25	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 16:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:25	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 16:25	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 16:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 16:25	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 16:25	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 16:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 16:25	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	91		75 - 126					02/16/21 16:25	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 16:25	1
4-Bromofluorobenzene (Surr)	87		72 - 124					02/16/21 16:25	1
Dibromofluoromethane	111		75 - 120					02/16/21 16:25	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-12B**

**Lab Sample ID: 500-194794-24**

**Date Collected: 02/10/21 11:30**

**Matrix: Water**

**Date Received: 02/11/21 11:00**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 16:54	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 16:54	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 16:54	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 16:54	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 16:54	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 16:54	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:54	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 16:54	1
Acetone	4.9	J	10	1.7	ug/L			02/16/21 16:54	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 16:54	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 16:54	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 16:54	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 16:54	1
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L			02/16/21 16:54	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 16:54	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 16:54	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 16:54	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 16:54	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 16:54	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 16:54	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
Trichloroethene	40		0.50	0.16	ug/L			02/16/21 16:54	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 16:54	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 16:54	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 16:54	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 16:54	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 16:54	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 16:54	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 16:54	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 16:54	1
Tetrachloroethene	2.3		1.0	0.37	ug/L			02/16/21 16:54	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 16:54	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 16:54	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 16:54	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 16:54	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 16:54	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 16:54	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 16:54	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 16:54	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 16:54	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 16:54	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 16:54	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 16:54	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-12B**

**Lab Sample ID: 500-194794-24**

Date Collected: 02/10/21 11:30

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 16:54	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 16:54	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:54	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:54	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:54	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 16:54	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 16:54	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 16:54	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 16:54	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 16:54	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 16:54	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 16:54	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 16:54	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 16:54	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 16:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	93		75 - 126					02/16/21 16:54	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 16:54	1
4-Bromofluorobenzene (Surr)	86		72 - 124					02/16/21 16:54	1
Dibromofluoromethane	112		75 - 120					02/16/21 16:54	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-13**

**Lab Sample ID: 500-194794-25**

Date Collected: 02/10/21 10:20

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 17:22	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 17:22	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 17:22	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 17:22	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 17:22	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 17:22	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:22	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 17:22	1
Acetone	3.3	J	10	1.7	ug/L			02/16/21 17:22	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 17:22	1
trans-1,2-Dichloroethene	4.8		1.0	0.35	ug/L			02/16/21 17:22	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 17:22	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 17:22	1
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L			02/16/21 17:22	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 17:22	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:22	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 17:22	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 17:22	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 17:22	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 17:22	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
Trichloroethene	1.8		0.50	0.16	ug/L			02/16/21 17:22	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 17:22	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 17:22	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 17:22	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 17:22	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 17:22	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 17:22	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 17:22	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 17:22	1
Tetrachloroethene	6.0		1.0	0.37	ug/L			02/16/21 17:22	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 17:22	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 17:22	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 17:22	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 17:22	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 17:22	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 17:22	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 17:22	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 17:22	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:22	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 17:22	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 17:22	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 17:22	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 17:22	1

Eurofins TestAmerica, Chicago



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-13**

**Lab Sample ID: 500-194794-25**

Date Collected: 02/10/21 10:20

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 17:22	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 17:22	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:22	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:22	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:22	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:22	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 17:22	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:22	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:22	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 17:22	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 17:22	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 17:22	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 17:22	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 17:22	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 17:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					02/16/21 17:22	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 17:22	1
4-Bromofluorobenzene (Surr)	84		72 - 124					02/16/21 17:22	1
Dibromofluoromethane	112		75 - 120					02/16/21 17:22	1





# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-17**  
**Date Collected: 02/09/21 15:45**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-26**  
**Matrix: Water**

**Method: 8260B - VOC**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 17:50	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 17:50	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 17:50	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 17:50	1
Bromomethane	<3.0	*+	3.0	0.80	ug/L			02/16/21 17:50	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 17:50	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:50	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 17:50	1
Acetone	<10		10	1.7	ug/L			02/16/21 17:50	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 17:50	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 17:50	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 17:50	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 17:50	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 17:50	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 17:50	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 17:50	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 17:50	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 17:50	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 17:50	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 17:50	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 17:50	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 17:50	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 17:50	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 17:50	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 17:50	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 17:50	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 17:50	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 17:50	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 17:50	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 17:50	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 17:50	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 17:50	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 17:50	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 17:50	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 17:50	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 17:50	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 17:50	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 17:50	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:50	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 17:50	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 17:50	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 17:50	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 17:50	1

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# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-17**

**Lab Sample ID: 500-194794-26**

Date Collected: 02/09/21 15:45

Matrix: Water

Date Received: 02/11/21 11:00

**Method: 8260B - VOC (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 17:50	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 17:50	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:50	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:50	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:50	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 17:50	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 17:50	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 17:50	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 17:50	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 17:50	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 17:50	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 17:50	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 17:50	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 17:50	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 17:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	91		75 - 126					02/16/21 17:50	1
Toluene-d8 (Surr)	93		75 - 120					02/16/21 17:50	1
4-Bromofluorobenzene (Surr)	87		72 - 124					02/16/21 17:50	1
Dibromofluoromethane	111		75 - 120					02/16/21 17:50	1

# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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



# QC Association Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## GC/MS VOA

### Analysis Batch: 585154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-194794-1	EW-2	Total/NA	Water	8260B	
500-194794-2	EW-3	Total/NA	Water	8260B	
500-194794-3	EW-4	Total/NA	Water	8260B	
500-194794-4	EW-5	Total/NA	Water	8260B	
500-194794-5	EW-6	Total/NA	Water	8260B	
500-194794-6	EW-7	Total/NA	Water	8260B	
500-194794-7	EW-8	Total/NA	Water	8260B	
500-194794-8	EW-9	Total/NA	Water	8260B	
500-194794-9	EW-9 Dup	Total/NA	Water	8260B	
500-194794-10	EW-10	Total/NA	Water	8260B	
500-194794-11	Trip Blank	Total/NA	Water	8260B	
500-194794-12	RFW-1A	Total/NA	Water	8260B	
500-194794-13	RFW-1B	Total/NA	Water	8260B	
500-194794-14	RFW-2A	Total/NA	Water	8260B	
500-194794-15	RFW-2B	Total/NA	Water	8260B	
500-194794-16	RFW-3B	Total/NA	Water	8260B	
500-194794-17	RFW-4A	Total/NA	Water	8260B	
500-194794-18	RFW-4B	Total/NA	Water	8260B	
MB 500-585154/6	Method Blank	Total/NA	Water	8260B	
LCS 500-585154/4	Lab Control Sample	Total/NA	Water	8260B	
500-194794-18 MS	RFW-4B	Total/NA	Water	8260B	
500-194794-18 MSD	RFW-4B	Total/NA	Water	8260B	

### Analysis Batch: 585171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-194794-19	RFW-4B Dup	Total/NA	Water	8260B	
500-194794-20	RFW-6	Total/NA	Water	8260B	
500-194794-21	RFW-7	Total/NA	Water	8260B	
500-194794-22	RFW-9	Total/NA	Water	8260B	
500-194794-23	RFW-11B	Total/NA	Water	8260B	
500-194794-24	RFW-12B	Total/NA	Water	8260B	
500-194794-25	RFW-13	Total/NA	Water	8260B	
500-194794-26	RFW-17	Total/NA	Water	8260B	
MB 500-585171/7	Method Blank	Total/NA	Water	8260B	
LCS 500-585171/5	Lab Control Sample	Total/NA	Water	8260B	



# Surrogate Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Method: 8260B - VOC**

**Matrix: Water**

**Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	TOL (75-120)	BFB (72-124)	DBFM (75-120)
500-194794-1	EW-2	98	98	100	84
500-194794-2	EW-3	110	80	73	95
500-194794-3	EW-4	112	81	86	106
500-194794-4	EW-5	97	95	92	88
500-194794-5	EW-6	112	80	89	108
500-194794-6	EW-7	97	116	96	94
500-194794-7	EW-8	100	89	86	91
500-194794-8	EW-9	107	77	87	96
500-194794-9	EW-9 Dup	115	94	88	94
500-194794-10	EW-10	114	97	96	93
500-194794-11	Trip Blank	103	82	91	91
500-194794-12	RFW-1A	113	97	96	95
500-194794-13	RFW-1B	113	97	95	93
500-194794-14	RFW-2A	112	98	96	92
500-194794-15	RFW-2B	115	97	98	94
500-194794-16	RFW-3B	108	93	81	91
500-194794-17	RFW-4A	114	97	96	94
500-194794-18	RFW-4B	101	96	89	86
500-194794-18 MS	RFW-4B	100	96	88	93
500-194794-18 MSD	RFW-4B	96	98	87	93
500-194794-19	RFW-4B Dup	93	92	85	110
500-194794-20	RFW-6	93	93	87	111
500-194794-21	RFW-7	95	93	87	111
500-194794-22	RFW-9	92	93	87	110
500-194794-23	RFW-11B	91	93	87	111
500-194794-24	RFW-12B	93	93	86	112
500-194794-25	RFW-13	95	93	84	112
500-194794-26	RFW-17	91	93	87	111
LCS 500-585154/4	Lab Control Sample	111	95	90	96
LCS 500-585171/5	Lab Control Sample	89	94	87	106
MB 500-585154/6	Method Blank	104	87	90	92
MB 500-585171/7	Method Blank	92	94	87	110

**Surrogate Legend**

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



# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC

Lab Sample ID: MB 500-585154/6  
Matrix: Water  
Analysis Batch: 585154

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 12:30	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 12:30	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 12:30	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 12:30	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 12:30	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 12:30	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 12:30	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 12:30	1
Acetone	<10		10	1.7	ug/L			02/16/21 12:30	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 12:30	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 12:30	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 12:30	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 12:30	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 12:30	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 12:30	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 12:30	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 12:30	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 12:30	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 12:30	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 12:30	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 12:30	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 12:30	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 12:30	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 12:30	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 12:30	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 12:30	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 12:30	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 12:30	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 12:30	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 12:30	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 12:30	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 12:30	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 12:30	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 12:30	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 12:30	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 12:30	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 12:30	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 12:30	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:30	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 12:30	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 12:30	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 12:30	1

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-585154/6  
Matrix: Water  
Analysis Batch: 585154

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 12:30	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 12:30	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 12:30	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:30	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:30	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:30	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:30	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 12:30	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:30	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:30	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 12:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 12:30	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 12:30	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 12:30	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 12:30	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 12:30	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		75 - 126		02/16/21 12:30	1
Toluene-d8 (Surr)	87		75 - 120		02/16/21 12:30	1
4-Bromofluorobenzene (Surr)	90		72 - 124		02/16/21 12:30	1
Dibromofluoromethane	92		75 - 120		02/16/21 12:30	1

Lab Sample ID: LCS 500-585154/4  
Matrix: Water  
Analysis Batch: 585154

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	50.0	50.2		ug/L		100	70 - 120
Dichlorodifluoromethane	50.0	53.9		ug/L		108	40 - 159
Chloromethane	50.0	54.5		ug/L		109	56 - 152
Vinyl chloride	50.0	51.5		ug/L		103	64 - 126
Bromomethane	50.0	52.9		ug/L		106	40 - 152
Chloroethane	50.0	58.7		ug/L		117	48 - 136
Trichlorofluoromethane	50.0	49.8		ug/L		100	55 - 128
1,1-Dichloroethene	50.0	44.9		ug/L		90	67 - 122
Carbon disulfide	50.0	43.6		ug/L		87	66 - 120
Acetone	50.0	50.0		ug/L		100	40 - 143
Methylene Chloride	50.0	43.3		ug/L		87	69 - 125
trans-1,2-Dichloroethene	50.0	47.5		ug/L		95	70 - 125
1,1-Dichloroethane	50.0	53.6		ug/L		107	70 - 125
2,2-Dichloropropane	50.0	60.0		ug/L		120	58 - 139
cis-1,2-Dichloroethene	50.0	46.9		ug/L		94	70 - 125
Methyl Ethyl Ketone	50.0	55.4		ug/L		111	46 - 144
Bromochloromethane	50.0	47.4		ug/L		95	65 - 122
Chloroform	50.0	49.5		ug/L		99	70 - 120
1,1,1-Trichloroethane	50.0	52.5		ug/L		105	70 - 125
1,1-Dichloropropene	50.0	54.3		ug/L		109	70 - 121

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-585154/4			Client Sample ID: Lab Control Sample					
Matrix: Water			Prep Type: Total/NA					
Analysis Batch: 585154								
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Carbon tetrachloride	50.0	51.2		ug/L		102	59 - 133	
1,2-Dichloroethane	50.0	59.6		ug/L		119	68 - 127	
Trichloroethene	50.0	51.8		ug/L		104	70 - 125	
1,2-Dichloropropane	50.0	56.1		ug/L		112	67 - 130	
Dibromomethane	50.0	50.5		ug/L		101	70 - 120	
Bromodichloromethane	50.0	48.7		ug/L		97	69 - 120	
cis-1,3-Dichloropropene	50.0	43.7		ug/L		87	64 - 127	
methyl isobutyl ketone	50.0	48.8		ug/L		98	55 - 139	
Toluene	50.0	49.5		ug/L		99	70 - 125	
trans-1,3-Dichloropropene	50.0	42.7		ug/L		85	62 - 128	
1,1,2-Trichloroethane	50.0	44.4		ug/L		89	71 - 130	
Tetrachloroethene	50.0	51.1		ug/L		102	70 - 128	
1,3-Dichloropropane	50.0	47.3		ug/L		95	62 - 136	
2-Hexanone	50.0	52.4		ug/L		105	54 - 146	
Dibromochloromethane	50.0	39.6		ug/L		79	68 - 125	
1,2-Dibromoethane	50.0	42.7		ug/L		85	70 - 125	
Chlorobenzene	50.0	50.3		ug/L		101	70 - 120	
1,1,1,2-Tetrachloroethane	50.0	46.8		ug/L		94	70 - 125	
Ethylbenzene	50.0	52.9		ug/L		106	70 - 123	
m&p-Xylene	50.0	54.2		ug/L		108	70 - 125	
o-Xylene	50.0	53.5		ug/L		107	70 - 120	
Styrene	50.0	50.2		ug/L		100	70 - 120	
Bromoform	50.0	34.9		ug/L		70	56 - 132	
Isopropylbenzene	50.0	49.6		ug/L		99	70 - 126	
Bromobenzene	50.0	41.5		ug/L		83	70 - 122	
1,1,2,2-Tetrachloroethane	50.0	38.1		ug/L		76	62 - 140	
1,2,3-Trichloropropane	50.0	39.2		ug/L		78	50 - 133	
N-Propylbenzene	50.0	49.8		ug/L		100	69 - 127	
2-Chlorotoluene	50.0	47.6		ug/L		95	70 - 125	
1,3,5-Trimethylbenzene	50.0	49.8		ug/L		100	70 - 123	
4-Chlorotoluene	50.0	48.2		ug/L		96	68 - 124	
tert-Butylbenzene	50.0	50.5		ug/L		101	70 - 121	
1,2,4-Trimethylbenzene	50.0	49.4		ug/L		99	70 - 123	
sec-Butylbenzene	50.0	52.1		ug/L		104	70 - 123	
1,3-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 125	
p-Isopropyltoluene	50.0	53.9		ug/L		108	70 - 125	
1,4-Dichlorobenzene	50.0	46.6		ug/L		93	70 - 120	
n-Butylbenzene	50.0	53.6		ug/L		107	68 - 125	
1,2-Dichlorobenzene	50.0	45.3		ug/L		91	70 - 125	
1,2-Dibromo-3-Chloropropane	50.0	33.0		ug/L		66	56 - 123	
1,2,4-Trichlorobenzene	50.0	42.1		ug/L		84	57 - 137	
Hexachlorobutadiene	50.0	48.0		ug/L		96	51 - 150	
Naphthalene	50.0	38.5		ug/L		77	53 - 144	
1,2,3-Trichlorobenzene	50.0	41.0		ug/L		82	51 - 145	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	111		75 - 126
Toluene-d8 (Surr)	95		75 - 120

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-585154/4  
Matrix: Water  
Analysis Batch: 585154

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		72 - 124
Dibromofluoromethane	96		75 - 120

Lab Sample ID: 500-194794-18 MS  
Matrix: Water  
Analysis Batch: 585154

Client Sample ID: RFW-4B  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.50		50.0	50.7		ug/L		101	70 - 120
Dichlorodifluoromethane	<3.0		50.0	52.7		ug/L		105	40 - 159
Chloromethane	<1.0		50.0	49.1		ug/L		98	56 - 152
Vinyl chloride	<1.0		50.0	47.7		ug/L		95	64 - 126
Bromomethane	<3.0		50.0	48.2		ug/L		96	40 - 152
Chloroethane	<1.0		50.0	52.1		ug/L		104	48 - 136
Trichlorofluoromethane	<1.0		50.0	43.7		ug/L		87	55 - 128
1,1-Dichloroethene	<1.0		50.0	36.8		ug/L		74	67 - 122
Carbon disulfide	<2.0		50.0	35.1		ug/L		70	66 - 120
Acetone	<10		50.0	29.6		ug/L		59	40 - 143
Methylene Chloride	<5.0		50.0	42.3		ug/L		85	69 - 125
trans-1,2-Dichloroethene	<1.0		50.0	47.3		ug/L		95	70 - 125
1,1-Dichloroethane	<1.0		50.0	52.1		ug/L		104	70 - 125
2,2-Dichloropropane	<1.0		50.0	50.6		ug/L		101	58 - 139
cis-1,2-Dichloroethene	2.1		50.0	50.2		ug/L		96	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	43.7		ug/L		87	46 - 144
Bromochloromethane	<1.0		50.0	48.7		ug/L		97	65 - 122
Chloroform	0.98	J	50.0	46.4		ug/L		91	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	48.5		ug/L		97	70 - 125
1,1-Dichloropropene	<1.0		50.0	46.2		ug/L		92	70 - 121
Carbon tetrachloride	<1.0		50.0	43.1		ug/L		86	59 - 133
1,2-Dichloroethane	<1.0		50.0	52.2		ug/L		104	68 - 127
Trichloroethene	48		50.0	98.9		ug/L		102	70 - 125
1,2-Dichloropropane	<1.0		50.0	54.9		ug/L		110	67 - 130
Dibromomethane	<1.0		50.0	46.5		ug/L		93	70 - 120
Bromodichloromethane	<1.0		50.0	41.7		ug/L		83	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	40.7		ug/L		81	64 - 127
methyl isobutyl ketone	<5.0		50.0	46.7		ug/L		93	55 - 139
Toluene	<0.50		50.0	48.6		ug/L		97	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	37.9		ug/L		76	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	42.6		ug/L		85	71 - 130
Tetrachloroethene	60		50.0	110		ug/L		100	70 - 128
1,3-Dichloropropane	<1.0		50.0	45.8		ug/L		92	62 - 136
2-Hexanone	<5.0		50.0	46.6		ug/L		93	54 - 146
Dibromochloromethane	<1.0		50.0	37.5		ug/L		75	68 - 125
1,2-Dibromoethane	<1.0		50.0	41.7		ug/L		83	70 - 125
Chlorobenzene	<1.0		50.0	49.6		ug/L		99	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	44.7		ug/L		89	70 - 125
Ethylbenzene	<0.50		50.0	52.2		ug/L		104	70 - 123
m&p-Xylene	<1.0		50.0	51.6		ug/L		103	70 - 125

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: 500-194794-18 MS  
Matrix: Water  
Analysis Batch: 585154

Client Sample ID: RFW-4B  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.50		50.0	51.4		ug/L		103	70 - 120
Styrene	<1.0		50.0	47.3		ug/L		95	70 - 120
Bromoform	<1.0		50.0	32.9		ug/L		66	56 - 132
Isopropylbenzene	<1.0		50.0	49.4		ug/L		99	70 - 126
Bromobenzene	<1.0		50.0	42.2		ug/L		84	70 - 122
1,1,2,2-Tetrachloroethane	<1.0		50.0	37.1		ug/L		74	62 - 140
1,2,3-Trichloropropane	<2.0		50.0	37.8		ug/L		76	50 - 133
N-Propylbenzene	<1.0		50.0	48.8		ug/L		98	69 - 127
2-Chlorotoluene	<1.0		50.0	47.0		ug/L		94	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 123
4-Chlorotoluene	<1.0		50.0	45.7		ug/L		91	68 - 124
tert-Butylbenzene	<1.0		50.0	50.0		ug/L		100	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	48.1		ug/L		96	70 - 123
sec-Butylbenzene	<1.0		50.0	51.1		ug/L		102	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	47.2		ug/L		94	70 - 125
p-Isopropyltoluene	<1.0		50.0	52.3		ug/L		105	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	46.4		ug/L		93	70 - 120
n-Butylbenzene	<1.0		50.0	50.7		ug/L		101	68 - 125
1,2-Dichlorobenzene	<1.0		50.0	45.1		ug/L		90	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	29.6		ug/L		59	56 - 123
1,2,4-Trichlorobenzene	<1.0		50.0	40.7		ug/L		81	57 - 137
Hexachlorobutadiene	<1.0		50.0	50.0		ug/L		100	51 - 150
Naphthalene	<1.0		50.0	38.9		ug/L		78	53 - 144
1,2,3-Trichlorobenzene	<1.0		50.0	41.7		ug/L		83	51 - 145

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
Toluene-d8 (Surr)	96		75 - 120
4-Bromofluorobenzene (Surr)	88		72 - 124
Dibromofluoromethane	93		75 - 120

Lab Sample ID: 500-194794-18 MSD  
Matrix: Water  
Analysis Batch: 585154

Client Sample ID: RFW-4B  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.50		50.0	51.2		ug/L		102	70 - 120	1	20
Dichlorodifluoromethane	<3.0		50.0	52.0		ug/L		104	40 - 159	1	20
Chloromethane	<1.0		50.0	59.4		ug/L		119	56 - 152	19	20
Vinyl chloride	<1.0		50.0	47.0		ug/L		94	64 - 126	1	20
Bromomethane	<3.0		50.0	53.0		ug/L		106	40 - 152	9	20
Chloroethane	<1.0		50.0	62.7		ug/L		125	48 - 136	18	20
Trichlorofluoromethane	<1.0		50.0	48.1		ug/L		96	55 - 128	9	20
1,1-Dichloroethene	<1.0		50.0	37.8		ug/L		76	67 - 122	3	20
Carbon disulfide	<2.0		50.0	36.1		ug/L		72	66 - 120	3	20
Acetone	<10		50.0	27.8		ug/L		56	40 - 143	6	20
Methylene Chloride	<5.0		50.0	37.7		ug/L		75	69 - 125	12	20
trans-1,2-Dichloroethene	<1.0		50.0	39.7		ug/L		79	70 - 125	17	20

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: 500-194794-18 MSD

Matrix: Water

Analysis Batch: 585154

Client Sample ID: RFW-4B

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-Dichloroethane	<1.0		50.0	45.4		ug/L		91	70 - 125	14	20
2,2-Dichloropropane	<1.0		50.0	48.8		ug/L		98	58 - 139	4	20
cis-1,2-Dichloroethene	2.1		50.0	42.5		ug/L		81	70 - 125	17	20
Methyl Ethyl Ketone	<5.0		50.0	43.3		ug/L		87	46 - 144	1	20
Bromochloromethane	<1.0		50.0	45.7		ug/L		91	65 - 122	6	20
Chloroform	0.98	J	50.0	48.8		ug/L		96	70 - 120	5	20
1,1,1-Trichloroethane	<1.0		50.0	48.3		ug/L		97	70 - 125	0	20
1,1-Dichloropropene	<1.0		50.0	50.4		ug/L		101	70 - 121	9	20
Carbon tetrachloride	<1.0		50.0	46.8		ug/L		94	59 - 133	8	20
1,2-Dichloroethane	<1.0		50.0	50.6		ug/L		101	68 - 127	3	20
Trichloroethene	48		50.0	97.1		ug/L		98	70 - 125	2	20
1,2-Dichloropropane	<1.0		50.0	55.2		ug/L		110	67 - 130	0	20
Dibromomethane	<1.0		50.0	45.2		ug/L		90	70 - 120	3	20
Bromodichloromethane	<1.0		50.0	43.7		ug/L		87	69 - 120	5	20
cis-1,3-Dichloropropene	<1.0		50.0	41.9		ug/L		84	64 - 127	3	20
methyl isobutyl ketone	<5.0		50.0	44.8		ug/L		90	55 - 139	4	20
Toluene	<0.50		50.0	49.8		ug/L		100	70 - 125	2	20
trans-1,3-Dichloropropene	<1.0		50.0	38.2		ug/L		76	62 - 128	1	20
1,1,2-Trichloroethane	<1.0		50.0	42.5		ug/L		85	71 - 130	0	20
Tetrachloroethene	60		50.0	110		ug/L		100	70 - 128	0	20
1,3-Dichloropropane	<1.0		50.0	45.2		ug/L		90	62 - 136	1	20
2-Hexanone	<5.0		50.0	45.3		ug/L		91	54 - 146	3	20
Dibromochloromethane	<1.0		50.0	37.8		ug/L		76	68 - 125	1	20
1,2-Dibromoethane	<1.0		50.0	41.6		ug/L		83	70 - 125	0	20
Chlorobenzene	<1.0		50.0	49.9		ug/L		100	70 - 120	1	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	45.8		ug/L		92	70 - 125	2	20
Ethylbenzene	<0.50		50.0	52.7		ug/L		105	70 - 123	1	20
m&p-Xylene	<1.0		50.0	52.6		ug/L		105	70 - 125	2	20
o-Xylene	<0.50		50.0	52.4		ug/L		105	70 - 120	2	20
Styrene	<1.0		50.0	49.1		ug/L		98	70 - 120	4	20
Bromoform	<1.0		50.0	33.9		ug/L		68	56 - 132	3	20
Isopropylbenzene	<1.0		50.0	50.5		ug/L		101	70 - 126	2	20
Bromobenzene	<1.0		50.0	44.5		ug/L		89	70 - 122	5	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	37.3		ug/L		75	62 - 140	1	20
1,2,3-Trichloropropane	<2.0		50.0	38.4		ug/L		77	50 - 133	2	20
N-Propylbenzene	<1.0		50.0	50.0		ug/L		100	69 - 127	2	20
2-Chlorotoluene	<1.0		50.0	48.4		ug/L		97	70 - 125	3	20
1,3,5-Trimethylbenzene	<1.0		50.0	50.2		ug/L		100	70 - 123	3	20
4-Chlorotoluene	<1.0		50.0	47.5		ug/L		95	68 - 124	4	20
tert-Butylbenzene	<1.0		50.0	52.0		ug/L		104	70 - 121	4	20
1,2,4-Trimethylbenzene	<1.0		50.0	49.8		ug/L		100	70 - 123	4	20
sec-Butylbenzene	<1.0		50.0	53.0		ug/L		106	70 - 123	4	20
1,3-Dichlorobenzene	<1.0		50.0	47.7		ug/L		95	70 - 125	1	20
p-Isopropyltoluene	<1.0		50.0	53.7		ug/L		107	70 - 125	3	20
1,4-Dichlorobenzene	<1.0		50.0	47.3		ug/L		95	70 - 120	2	20
n-Butylbenzene	<1.0		50.0	51.4		ug/L		103	68 - 125	1	20
1,2-Dichlorobenzene	<1.0		50.0	46.4		ug/L		93	70 - 125	3	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	30.0		ug/L		60	56 - 123	1	20
1,2,4-Trichlorobenzene	<1.0		50.0	43.1		ug/L		86	57 - 137	6	20

Eurofins TestAmerica, Chicago

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: 500-194794-18 MSD  
Matrix: Water  
Analysis Batch: 585154

Client Sample ID: RFW-4B  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	<1.0		50.0	53.6		ug/L		107	51 - 150	7	20
Naphthalene	<1.0		50.0	40.8		ug/L		82	53 - 144	5	20
1,2,3-Trichlorobenzene	<1.0		50.0	43.7		ug/L		87	51 - 145	5	20
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	96		75 - 126								
Toluene-d8 (Surr)	98		75 - 120								
4-Bromofluorobenzene (Surr)	87		72 - 124								
Dibromofluoromethane	93		75 - 120								

Lab Sample ID: MB 500-585171/7  
Matrix: Water  
Analysis Batch: 585171

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/16/21 12:38	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			02/16/21 12:38	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/16/21 12:38	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			02/16/21 12:38	1
Bromomethane	<3.0		3.0	0.80	ug/L			02/16/21 12:38	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/16/21 12:38	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/16/21 12:38	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/16/21 12:38	1
Acetone	<10		10	1.7	ug/L			02/16/21 12:38	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/16/21 12:38	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/16/21 12:38	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/16/21 12:38	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/16/21 12:38	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/16/21 12:38	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/16/21 12:38	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/16/21 12:38	1
Chloroform	<2.0		2.0	0.37	ug/L			02/16/21 12:38	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/16/21 12:38	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/16/21 12:38	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/16/21 12:38	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/16/21 12:38	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/16/21 12:38	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/16/21 12:38	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/16/21 12:38	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/16/21 12:38	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/16/21 12:38	1
Toluene	<0.50		0.50	0.15	ug/L			02/16/21 12:38	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/16/21 12:38	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/16/21 12:38	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/16/21 12:38	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/16/21 12:38	1

Eurofins TestAmerica, Chicago

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-585171/7

Matrix: Water

Analysis Batch: 585171

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Hexanone	<5.0		5.0	1.6	ug/L			02/16/21 12:38	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/16/21 12:38	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/16/21 12:38	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/16/21 12:38	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/16/21 12:38	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/16/21 12:38	1
Styrene	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
Bromoform	<1.0		1.0	0.48	ug/L			02/16/21 12:38	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/16/21 12:38	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			02/16/21 12:38	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/16/21 12:38	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/16/21 12:38	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/16/21 12:38	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/16/21 12:38	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:38	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:38	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:38	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/16/21 12:38	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/16/21 12:38	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/16/21 12:38	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/16/21 12:38	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/16/21 12:38	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/16/21 12:38	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/16/21 12:38	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/16/21 12:38	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/16/21 12:38	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/16/21 12:38	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		02/16/21 12:38	1
Toluene-d8 (Surr)	94		75 - 120		02/16/21 12:38	1
4-Bromofluorobenzene (Surr)	87		72 - 124		02/16/21 12:38	1
Dibromofluoromethane	110		75 - 120		02/16/21 12:38	1

Lab Sample ID: LCS 500-585171/5

Matrix: Water

Analysis Batch: 585171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	50.0	50.5		ug/L		101	70 - 120
Dichlorodifluoromethane	50.0	43.6		ug/L		87	40 - 159
Chloromethane	50.0	37.5		ug/L		75	56 - 152
Vinyl chloride	50.0	41.9		ug/L		84	64 - 126
Bromomethane	50.0	76.6	*+	ug/L		153	40 - 152

Eurofins TestAmerica, Chicago

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-585171/5

Matrix: Water

Analysis Batch: 585171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	50.0	46.2		ug/L		92	48 - 136
Trichlorofluoromethane	50.0	54.0		ug/L		108	55 - 128
1,1-Dichloroethene	50.0	51.0		ug/L		102	67 - 122
Carbon disulfide	50.0	47.4		ug/L		95	66 - 120
Acetone	50.0	37.3		ug/L		75	40 - 143
Methylene Chloride	50.0	47.1		ug/L		94	69 - 125
trans-1,2-Dichloroethene	50.0	51.4		ug/L		103	70 - 125
1,1-Dichloroethane	50.0	43.7		ug/L		87	70 - 125
2,2-Dichloropropane	50.0	47.8		ug/L		96	58 - 139
cis-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 125
Methyl Ethyl Ketone	50.0	36.4		ug/L		73	46 - 144
Bromochloromethane	50.0	56.2		ug/L		112	65 - 122
Chloroform	50.0	48.1		ug/L		96	70 - 120
1,1,1-Trichloroethane	50.0	51.9		ug/L		104	70 - 125
1,1-Dichloropropene	50.0	50.7		ug/L		101	70 - 121
Carbon tetrachloride	50.0	54.3		ug/L		109	59 - 133
1,2-Dichloroethane	50.0	43.5		ug/L		87	68 - 127
Trichloroethene	50.0	59.4		ug/L		119	70 - 125
1,2-Dichloropropane	50.0	43.8		ug/L		88	67 - 130
Dibromomethane	50.0	50.5		ug/L		101	70 - 120
Bromodichloromethane	50.0	47.9		ug/L		96	69 - 120
cis-1,3-Dichloropropene	50.0	44.8		ug/L		90	64 - 127
methyl isobutyl ketone	50.0	30.1		ug/L		60	55 - 139
Toluene	50.0	48.6		ug/L		97	70 - 125
trans-1,3-Dichloropropene	50.0	43.1		ug/L		86	62 - 128
1,1,2-Trichloroethane	50.0	45.9		ug/L		92	71 - 130
Tetrachloroethene	50.0	55.4		ug/L		111	70 - 128
1,3-Dichloropropane	50.0	46.3		ug/L		93	62 - 136
2-Hexanone	50.0	28.9		ug/L		58	54 - 146
Dibromochloromethane	50.0	50.2		ug/L		100	68 - 125
1,2-Dibromoethane	50.0	46.7		ug/L		93	70 - 125
Chlorobenzene	50.0	49.2		ug/L		98	70 - 120
1,1,1,2-Tetrachloroethane	50.0	52.3		ug/L		105	70 - 125
Ethylbenzene	50.0	48.5		ug/L		97	70 - 123
m&p-Xylene	50.0	47.3		ug/L		95	70 - 125
o-Xylene	50.0	46.6		ug/L		93	70 - 120
Styrene	50.0	50.5		ug/L		101	70 - 120
Bromoform	50.0	53.1		ug/L		106	56 - 132
Isopropylbenzene	50.0	49.8		ug/L		100	70 - 126
Bromobenzene	50.0	50.4		ug/L		101	70 - 122
1,1,2,2-Tetrachloroethane	50.0	42.3		ug/L		85	62 - 140
1,2,3-Trichloropropane	50.0	45.2		ug/L		90	50 - 133
N-Propylbenzene	50.0	48.2		ug/L		96	69 - 127
2-Chlorotoluene	50.0	46.6		ug/L		93	70 - 125
1,3,5-Trimethylbenzene	50.0	47.9		ug/L		96	70 - 123
4-Chlorotoluene	50.0	46.0		ug/L		92	68 - 124
tert-Butylbenzene	50.0	49.2		ug/L		98	70 - 121
1,2,4-Trimethylbenzene	50.0	47.9		ug/L		96	70 - 123
sec-Butylbenzene	50.0	49.4		ug/L		99	70 - 123

Eurofins TestAmerica, Chicago

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-585171/5

Matrix: Water

Analysis Batch: 585171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	50.4		ug/L		101	70 - 125
p-Isopropyltoluene	50.0	50.1		ug/L		100	70 - 125
1,4-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 120
n-Butylbenzene	50.0	48.5		ug/L		97	68 - 125
1,2-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	38.4		ug/L		77	56 - 123
1,2,4-Trichlorobenzene	50.0	47.4		ug/L		95	57 - 137
Hexachlorobutadiene	50.0	53.1		ug/L		106	51 - 150
Naphthalene	50.0	42.7		ug/L		85	53 - 144
1,2,3-Trichlorobenzene	50.0	45.8		ug/L		92	51 - 145

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		75 - 126
Toluene-d8 (Surr)	94		75 - 120
4-Bromofluorobenzene (Surr)	87		72 - 124
Dibromofluoromethane	106		75 - 120



# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-2**

Date Collected: 02/10/21 11:10

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-1**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 13:24	PMF	TAL CHI

**Client Sample ID: EW-3**

Date Collected: 02/10/21 12:25

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-2**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 13:52	PMF	TAL CHI

**Client Sample ID: EW-4**

Date Collected: 02/10/21 12:45

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-3**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 14:19	PMF	TAL CHI

**Client Sample ID: EW-5**

Date Collected: 02/10/21 13:20

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-4**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 14:46	PMF	TAL CHI

**Client Sample ID: EW-6**

Date Collected: 02/09/21 12:45

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-5**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 15:13	PMF	TAL CHI

**Client Sample ID: EW-7**

Date Collected: 02/09/21 12:55

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-6**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 15:40	PMF	TAL CHI

**Client Sample ID: EW-8**

Date Collected: 02/09/21 13:00

Date Received: 02/11/21 11:00

**Lab Sample ID: 500-194794-7**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 16:08	PMF	TAL CHI

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# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: EW-9**

**Lab Sample ID: 500-194794-8**

Date Collected: 02/09/21 15:00

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 16:35	PMF	TAL CHI

**Client Sample ID: EW-9 Dup**

**Lab Sample ID: 500-194794-9**

Date Collected: 02/09/21 15:00

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 17:02	PMF	TAL CHI

**Client Sample ID: EW-10**

**Lab Sample ID: 500-194794-10**

Date Collected: 02/09/21 14:50

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 17:29	PMF	TAL CHI

**Client Sample ID: Trip Blank**

**Lab Sample ID: 500-194794-11**

Date Collected: 02/09/21 07:00

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 12:57	PMF	TAL CHI

**Client Sample ID: RFW-1A**

**Lab Sample ID: 500-194794-12**

Date Collected: 02/09/21 11:15

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 17:56	PMF	TAL CHI

**Client Sample ID: RFW-1B**

**Lab Sample ID: 500-194794-13**

Date Collected: 02/09/21 11:45

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 18:24	PMF	TAL CHI

**Client Sample ID: RFW-2A**

**Lab Sample ID: 500-194794-14**

Date Collected: 02/09/21 09:55

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 18:51	PMF	TAL CHI

# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-2B**

**Lab Sample ID: 500-194794-15**

Date Collected: 02/09/21 10:30

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 19:18	PMF	TAL CHI

**Client Sample ID: RFW-3B**

**Lab Sample ID: 500-194794-16**

Date Collected: 02/09/21 14:40

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 19:45	PMF	TAL CHI

**Client Sample ID: RFW-4A**

**Lab Sample ID: 500-194794-17**

Date Collected: 02/10/21 08:50

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 20:13	PMF	TAL CHI

**Client Sample ID: RFW-4B**

**Lab Sample ID: 500-194794-18**

Date Collected: 02/10/21 08:10

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585154	02/16/21 20:40	PMF	TAL CHI

**Client Sample ID: RFW-4B Dup**

**Lab Sample ID: 500-194794-19**

Date Collected: 02/10/21 08:10

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 14:04	PMF	TAL CHI

**Client Sample ID: RFW-6**

**Lab Sample ID: 500-194794-20**

Date Collected: 02/09/21 12:35

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 15:01	PMF	TAL CHI

**Client Sample ID: RFW-7**

**Lab Sample ID: 500-194794-21**

Date Collected: 02/09/21 13:45

Matrix: Water

Date Received: 02/11/21 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 15:29	PMF	TAL CHI

Eurofins TestAmerica, Chicago

# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

**Client Sample ID: RFW-9**  
**Date Collected: 02/09/21 16:35**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-22**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 15:57	PMF	TAL CHI

**Client Sample ID: RFW-11B**  
**Date Collected: 02/10/21 12:30**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-23**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 16:25	PMF	TAL CHI

**Client Sample ID: RFW-12B**  
**Date Collected: 02/10/21 11:30**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-24**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 16:54	PMF	TAL CHI

**Client Sample ID: RFW-13**  
**Date Collected: 02/10/21 10:20**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-25**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 17:22	PMF	TAL CHI

**Client Sample ID: RFW-17**  
**Date Collected: 02/09/21 15:45**  
**Date Received: 02/11/21 11:00**

**Lab Sample ID: 500-194794-26**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	585171	02/16/21 17:50	PMF	TAL CHI

**Laboratory References:**

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



# Accreditation/Certification Summary

Client: Weston Solutions, Inc.  
Project/Site: Black and Decker

Job ID: 500-194794-1

## Laboratory: Eurofins TestAmerica, 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	04-30-21
Georgia	State	N/A	04-30-20 *
Georgia (DW)	State	939	04-30-21
Hawaii	State	NA	04-30-20 *
Illinois	NELAP	IL00035	04-29-21
Indiana	State	C-IL-02	06-29-21
Iowa	State	082	05-01-22
Kansas	NELAP	E-10161	11-01-20 *
Kentucky (UST)	State	AI # 108083	04-30-20 *
Kentucky (VWV)	State	KY90023	12-31-20 *
Louisiana	NELAP	02046	06-30-21
Mississippi	State	NA	04-30-20 *
New York	NELAP	12019	04-01-21
North Carolina (WW/SW)	State	291	12-31-21
North Dakota	State	R-194	04-29-21
Oklahoma	State	8908	08-31-21
South Carolina	State	77001003	04-29-21
USDA	US Federal Programs	P330-18-00018	02-11-24
Wisconsin	State	999580010	08-31-21
Wyoming	State	8TMS-Q	04-30-20 *

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

Eurofins TestAmerica, Chicago



# Chain of Custody Record 486641 eurofins

Environment Testing  
TestAmerica

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager		Site Contact <u>Greg Frowns</u>		Date <u>2/10/21</u>		COC No	
Company Name <u>Western Solutions</u>		Tel/Email		Lab Contact <u>Dick Wright</u>		Carrier <u>Fed Ex</u>		1 of 3 COCs	
Address <u>1 Western Way</u>		Analysis Turnaround Time							
City/State/Zip <u>W Chester PA</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Phone <u>610 721 0583</u>		TAT if different from Below							
Fax		<input type="checkbox"/> 2 weeks							
Project Name <u>Black + Deck</u>		<input type="checkbox"/> 1 week							
Site <u>HAMPSTEAD, MD</u>		<input type="checkbox"/> 2 days							
P O #		<input type="checkbox"/> 1 day							
				Sample Type (C=Comp G=Grab)		Matrix		# of Cont.	
Sample Identification		Sample Date	Sample Time						
1	Ew-2	2/10/21	1110	G	W	3			
2	Ew-3		1225						
3	Ew-4		1245						
4	Ew-5		1320						
5	Ew-6	2/9/21	1245						
6	Ew-7		1255						
7	Ew-8		1300						
8	Ew-9		1500						
9	Ew-9 Dup		1500						
10	Ew-10		1450						
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other						2			
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						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
Special Instructions/QC Requirements & Comments									
Custody Seals Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd <u>5.8</u> Corr'd <u>3.8</u>		Therm ID No			
Relinquished by <u>[Signature]</u>		Company <u>Western Solutions</u>		Date/Time <u>2/10/21 1600</u>		Received by		Company	
Relinquished by		Company		Date/Time		Received by		Company	
Relinquished by		Company		Date/Time		Received by <u>[Signature]</u>		Company <u>ETA CHE</u>	



# Chain of Custody Record 486643 eurofins

Environment Testing  
TestAmerica

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager		Site Contact		Date		COC No		
Company Name <i>Western Solutions</i>		Tel/Email <i>610-721-0583</i>		Lab Contact <i>Pick up</i>		Carrier		2 of 3 COCs		
Address		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) V O A				Sampler For Lab Use Only Walk-in Client Lab Sampling		
City/State/Zip		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS								
Phone		TAT if different from Below								
Fax		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day								
Project Name <i>Black + Decker</i>										
Site								Job / SDG No <i>500-194794</i>		
PO#										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
<i>Trip Blank</i>		<i>2/9/21</i>	<i>700</i>	<i>G</i>	<i>W</i>	<i>2</i>				
<i>RFW-1A</i>			<i>1115</i>			<i>3</i>				
<i>RFW-1B</i>			<i>1145</i>							
<i>RFW-2A</i>			<i>955</i>							
<i>RFW-2B</i>			<i>1030</i>							
<i>RFW-3B</i>			<i>1440</i>							
<i>RFW-4A</i>		<i>2/10/21</i>	<i>850</i>							
<i>RFW-4B</i>			<i>810</i>							
<i>RFW-4B Dup</i>			<i>810</i>							
<i>RFW-6</i>		<i>2/9/21</i>	<i>1235</i>							
<i>RFW-7</i>			<i>1345</i>							
<i>RFW-9</i>			<i>1635</i>							
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
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							<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments:										
<input checked="" type="checkbox"/> Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No			Cooler Temp (°C) Obs'd		Corrd		Therm ID No	
Relinquished by <i>[Signature]</i>		Company <i>Western</i>		Date/Time <i>2/10/21 1600</i>		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received by		Company		Date/Time
Relinquished by		Company		Date/Time		Received in Laboratory by <i>[Signature]</i>		Company <i>ETA-CAT</i>		Date/Time <i>2/11/21 1100</i>

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# Chain of Custody Record 486642 eurofins

Environment Testing  
TestAmerica

Address \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other

TAL-8210

Client Contact		Project Manager		Site Contact		Date <u>2/10/21</u>		COC No	
Company Name <u>Western Solutions</u>		Tel/Email <u>610-721-0583</u>		Lab Contact <u>Dick W.</u>		Carrier <u>Fed Ex</u>		<u>3</u> of <u>3</u> COCs	
Address		Analysis Turnaround Time						Sampler	
City/State/Zip		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only	
Phone		TAT if different from Below _____						Walk-in Client	
Fax		<input type="checkbox"/> 2 weeks						Lab Sampling	
Project Name <u>Black &amp; Decker</u>		<input type="checkbox"/> 1 week						Job / SDG No	
Site		<input type="checkbox"/> 2 days						<u>500-194794</u>	
PO #		<input type="checkbox"/> 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
23 RFW-11B		2/10/21	1230	G	W	3	✓	✓	
24 RFW-12B		1	1130	I	I	I	✓	✓	
25 RFW-13		1	1020	I	I	I	✓	✓	
26 RFW-17		2/9/21	1545	I	I	I	✓	✓	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							21		
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							Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)		
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months		
Special Instructions/QC Requirements & Comments									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C) Obs'd _____		Corr'd _____		Therm ID No _____	
Relinquished by		Company <u>Western Solutions</u>		Date/Time <u>2/10/21 1600</u>		Received by _____		Company _____	
Relinquished by _____		Company _____		Date/Time _____		Received by _____		Company _____	
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by <u>Shin Loeb</u>		Company <u>ETA-011</u> Date/Time <u>2/11/21 1100</u>	



## Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 500-194794-1

**Login Number: 194794**

**List Source: Eurofins TestAmerica, Chicago**

**List Number: 1**

**Creator: Scott, Sherri L**

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







Environment Testing  
America

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## ANALYTICAL REPORT

Eurofins TestAmerica, Savannah  
5102 LaRoche Avenue  
Savannah, GA 31404  
Tel: (912)354-7858

Laboratory Job ID: 680-195025-1  
Client Project/Site: Black & Decker

For:  
Weston Solutions, Inc.  
1400 Weston Way  
PO BOX 2653  
West Chester, Pennsylvania 19380

Attn: Greg Flasinski

Authorized for release by:  
2/18/2021 6:08:31 PM  
Jess Hornsby, Project Manager II  
(813)280-8340  
Jess.Hornsby@Eurofinset.com

Designee for  
Amy Weinberg, Project Manager II  
(813)885-7427  
amy.weinberg@Eurofinset.com

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*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

# Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

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**Job ID: 680-195025-1**

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**Laboratory: Eurofins TestAmerica, Savannah**

**Narrative**

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**Receipt**

The samples were received on 2/12/2021 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.0° C.

**GC/MS VOA**

Method 524.2: The following sample was diluted due to the nature of the matrix: RFW-21 (680-195025-2). Elevated reporting limits (RL) are provided.

Method 524.2: The following sample tested positive for residual chlorine: RFW-21 (680-195025-2).

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

Job ID: 680-195025-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-195025-1	RFW-20	Water	02/09/21 09:10	02/12/21 10:40	
680-195025-2	RFW-21	Water	02/09/21 08:20	02/12/21 10:40	
680-195025-3	HAMP-22	Water	02/10/21 19:10	02/12/21 10:40	
680-195025-4	HAMP-23	Water	02/10/21 09:15	02/12/21 10:40	
680-195025-5	TRIP BLANK	Water	02/09/21 07:00	02/12/21 10:40	



# Method Summary

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

---

<b>Method</b>	<b>Method Description</b>	<b>Protocol</b>	<b>Laboratory</b>
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL SAV

---

**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:**

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



# Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

## 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 Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: RFW-20**

**Lab Sample ID: 680-195025-1**

**Date Collected: 02/09/21 09:10**

**Matrix: Water**

**Date Received: 02/12/21 10:40**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/17/21 17:49	1
Benzene	<0.50		0.50	0.082	ug/L			02/17/21 17:49	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/17/21 17:49	1
Bromoform	<0.50		0.50	0.17	ug/L			02/17/21 17:49	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/17/21 17:49	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/17/21 17:49	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 17:49	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/17/21 17:49	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/17/21 17:49	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/17/21 17:49	1
Chloroform	<0.50		0.50	0.20	ug/L			02/17/21 17:49	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/17/21 17:49	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/17/21 17:49	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/17/21 17:49	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 17:49	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/17/21 17:49	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/17/21 17:49	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/17/21 17:49	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/17/21 17:49	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/17/21 17:49	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/17/21 17:49	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/17/21 17:49	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/17/21 17:49	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/17/21 17:49	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/17/21 17:49	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/17/21 17:49	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/17/21 17:49	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/17/21 17:49	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/17/21 17:49	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/17/21 17:49	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/17/21 17:49	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/17/21 17:49	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/17/21 17:49	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/17/21 17:49	1
Freon 113	<0.50		0.50	0.15	ug/L			02/17/21 17:49	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/17/21 17:49	1
2-Hexanone	<10		10	5.0	ug/L			02/17/21 17:49	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/17/21 17:49	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/17/21 17:49	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/17/21 17:49	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/17/21 17:49	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/17/21 17:49	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/17/21 17:49	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/17/21 17:49	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 17:49	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 17:49	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/17/21 17:49	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 17:49	1
Styrene	<0.50		0.50	0.089	ug/L			02/17/21 17:49	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: RFW-20**

**Lab Sample ID: 680-195025-1**

**Date Collected: 02/09/21 09:10**

**Matrix: Water**

**Date Received: 02/12/21 10:40**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/17/21 17:49	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/17/21 17:49	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 17:49	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/17/21 17:49	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/17/21 17:49	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/17/21 17:49	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/17/21 17:49	1
Toluene	<0.50		0.50	0.086	ug/L			02/17/21 17:49	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 17:49	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/17/21 17:49	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 17:49	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/17/21 17:49	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/17/21 17:49	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/17/21 17:49	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/17/21 17:49	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/17/21 17:49	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/17/21 17:49	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/17/21 17:49	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 17:49	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/17/21 17:49	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/17/21 17:49	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/17/21 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		70 - 130		02/17/21 17:49	1
1,2-Dichlorobenzene-d4	105		70 - 130		02/17/21 17:49	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: RFW-21**

**Lab Sample ID: 680-195025-2**

Date Collected: 02/09/21 08:20

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<100		100	50	ug/L			02/17/21 20:00	10
Benzene	<5.0		5.0	0.82	ug/L			02/17/21 20:00	10
Bromobenzene	<5.0		5.0	0.91	ug/L			02/17/21 20:00	10
Bromoform	<5.0		5.0	1.7	ug/L			02/17/21 20:00	10
Bromomethane	<10		10	2.0	ug/L			02/17/21 20:00	10
Carbon tetrachloride	<5.0		5.0	1.1	ug/L			02/17/21 20:00	10
Chlorobenzene	<5.0		5.0	1.4	ug/L			02/17/21 20:00	10
Chlorobromomethane	<5.0		5.0	3.0	ug/L			02/17/21 20:00	10
Chlorodibromomethane	<5.0		5.0	1.3	ug/L			02/17/21 20:00	10
Chloroethane	<10		10	2.2	ug/L			02/17/21 20:00	10
Chloroform	<5.0		5.0	2.0	ug/L			02/17/21 20:00	10
Chloromethane	<5.0		5.0	1.5	ug/L			02/17/21 20:00	10
2-Chlorotoluene	<5.0		5.0	1.1	ug/L			02/17/21 20:00	10
4-Chlorotoluene	<5.0		5.0	1.3	ug/L			02/17/21 20:00	10
cis-1,2-Dichloroethene	<5.0		5.0	0.90	ug/L			02/17/21 20:00	10
cis-1,3-Dichloropropene	<5.0		5.0	0.81	ug/L			02/17/21 20:00	10
1,2-Dibromo-3-Chloropropane	<5.0		5.0	3.0	ug/L			02/17/21 20:00	10
Dibromomethane	<5.0		5.0	1.6	ug/L			02/17/21 20:00	10
1,2-Dichlorobenzene	<5.0		5.0	1.6	ug/L			02/17/21 20:00	10
1,3-Dichlorobenzene	<5.0		5.0	1.1	ug/L			02/17/21 20:00	10
1,4-Dichlorobenzene	<5.0		5.0	1.3	ug/L			02/17/21 20:00	10
Dichlorobromomethane	<5.0		5.0	0.79	ug/L			02/17/21 20:00	10
Dichlorodifluoromethane	<5.0		5.0	3.4	ug/L			02/17/21 20:00	10
1,1-Dichloroethane	<5.0		5.0	0.78	ug/L			02/17/21 20:00	10
1,2-Dichloroethane	<5.0		5.0	0.86	ug/L			02/17/21 20:00	10
1,1-Dichloroethene	<5.0		5.0	1.5	ug/L			02/17/21 20:00	10
1,2-Dichloropropane	<5.0		5.0	0.96	ug/L			02/17/21 20:00	10
1,3-Dichloropropane	<5.0		5.0	1.0	ug/L			02/17/21 20:00	10
2,2-Dichloropropane	<5.0		5.0	2.0	ug/L			02/17/21 20:00	10
1,1-Dichloropropene	<5.0		5.0	0.95	ug/L			02/17/21 20:00	10
1,3-Dichloropropene, Total	<5.0		5.0	0.81	ug/L			02/17/21 20:00	10
Diisopropyl ether	<5.0		5.0	2.8	ug/L			02/17/21 20:00	10
Ethylbenzene	<5.0		5.0	0.99	ug/L			02/17/21 20:00	10
Ethylene Dibromide	<5.0		5.0	2.0	ug/L			02/17/21 20:00	10
Freon 113	<5.0		5.0	1.5	ug/L			02/17/21 20:00	10
Hexachlorobutadiene	<5.0		5.0	2.6	ug/L			02/17/21 20:00	10
2-Hexanone	<100		100	50	ug/L			02/17/21 20:00	10
Isopropylbenzene	<5.0		5.0	1.5	ug/L			02/17/21 20:00	10
4-Isopropyltoluene	<5.0		5.0	2.1	ug/L			02/17/21 20:00	10
Methylene Chloride	<5.0		5.0	2.0	ug/L			02/17/21 20:00	10
2-Butanone (MEK)	<100		100	50	ug/L			02/17/21 20:00	10
4-Methyl-2-pentanone (MIBK)	<100		100	50	ug/L			02/17/21 20:00	10
m-Xylene & p-Xylene	<5.0		5.0	1.5	ug/L			02/17/21 20:00	10
Naphthalene	<10		10	4.3	ug/L			02/17/21 20:00	10
n-Butylbenzene	<5.0		5.0	1.7	ug/L			02/17/21 20:00	10
N-Propylbenzene	<5.0		5.0	1.7	ug/L			02/17/21 20:00	10
o-Xylene	1.5	J	5.0	0.86	ug/L			02/17/21 20:00	10
sec-Butylbenzene	<5.0		5.0	1.4	ug/L			02/17/21 20:00	10
Styrene	<5.0		5.0	0.89	ug/L			02/17/21 20:00	10

Eurofins TestAmerica, Savannah





# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: RFW-21**

**Lab Sample ID: 680-195025-2**

Date Collected: 02/09/21 08:20

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<5.0		5.0	2.0	ug/L			02/17/21 20:00	10
tert-Butyl alcohol	<100		100	16	ug/L			02/17/21 20:00	10
tert-Butylbenzene	<5.0		5.0	1.4	ug/L			02/17/21 20:00	10
Tert-butyl ethyl ether	<5.0		5.0	2.6	ug/L			02/17/21 20:00	10
1,1,1,2-Tetrachloroethane	<5.0		5.0	2.4	ug/L			02/17/21 20:00	10
1,1,2,2-Tetrachloroethane	<5.0		5.0	1.3	ug/L			02/17/21 20:00	10
Tetrachloroethene	<5.0		5.0	1.8	ug/L			02/17/21 20:00	10
Toluene	<5.0		5.0	0.86	ug/L			02/17/21 20:00	10
trans-1,2-Dichloroethene	<5.0		5.0	0.90	ug/L			02/17/21 20:00	10
trans-1,3-Dichloropropene	<5.0		5.0	1.1	ug/L			02/17/21 20:00	10
1,2,3-Trichlorobenzene	<5.0		5.0	1.4	ug/L			02/17/21 20:00	10
1,2,4-Trichlorobenzene	<5.0		5.0	1.2	ug/L			02/17/21 20:00	10
1,1,1-Trichloroethane	<5.0		5.0	1.5	ug/L			02/17/21 20:00	10
1,1,2-Trichloroethane	<5.0		5.0	1.6	ug/L			02/17/21 20:00	10
Trichloroethene	<5.0		5.0	1.3	ug/L			02/17/21 20:00	10
Trichlorofluoromethane	<5.0		5.0	2.3	ug/L			02/17/21 20:00	10
1,2,3-Trichloropropane	<5.0		5.0	1.7	ug/L			02/17/21 20:00	10
Trihalomethanes, Total	<5.0		5.0	0.79	ug/L			02/17/21 20:00	10
<b>1,2,4-Trimethylbenzene</b>	<b>5.2</b>		5.0	1.7	ug/L			02/17/21 20:00	10
1,3,5-Trimethylbenzene	<5.0		5.0	1.6	ug/L			02/17/21 20:00	10
Vinyl chloride	<5.0		5.0	1.6	ug/L			02/17/21 20:00	10
<b>Xylenes, Total</b>	<b>1.5 J</b>		5.0	0.86	ug/L			02/17/21 20:00	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	81		70 - 130		02/17/21 20:00	10
1,2-Dichlorobenzene-d4	99		70 - 130		02/17/21 20:00	10



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: HAMP-22**

**Lab Sample ID: 680-195025-3**

Date Collected: 02/10/21 19:10

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/17/21 18:16	1
Benzene	<0.50		0.50	0.082	ug/L			02/17/21 18:16	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/17/21 18:16	1
Bromoform	<0.50		0.50	0.17	ug/L			02/17/21 18:16	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/17/21 18:16	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/17/21 18:16	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:16	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/17/21 18:16	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/17/21 18:16	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/17/21 18:16	1
Chloroform	<0.50		0.50	0.20	ug/L			02/17/21 18:16	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/17/21 18:16	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/17/21 18:16	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/17/21 18:16	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 18:16	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/17/21 18:16	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/17/21 18:16	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/17/21 18:16	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/17/21 18:16	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/17/21 18:16	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/17/21 18:16	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/17/21 18:16	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/17/21 18:16	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/17/21 18:16	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/17/21 18:16	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/17/21 18:16	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/17/21 18:16	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/17/21 18:16	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/17/21 18:16	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/17/21 18:16	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/17/21 18:16	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/17/21 18:16	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/17/21 18:16	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/17/21 18:16	1
Freon 113	<0.50		0.50	0.15	ug/L			02/17/21 18:16	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/17/21 18:16	1
2-Hexanone	<10		10	5.0	ug/L			02/17/21 18:16	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/17/21 18:16	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/17/21 18:16	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/17/21 18:16	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/17/21 18:16	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/17/21 18:16	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/17/21 18:16	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/17/21 18:16	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 18:16	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 18:16	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/17/21 18:16	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:16	1
Styrene	<0.50		0.50	0.089	ug/L			02/17/21 18:16	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: HAMP-22**

**Lab Sample ID: 680-195025-3**

Date Collected: 02/10/21 19:10

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/17/21 18:16	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/17/21 18:16	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:16	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/17/21 18:16	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/17/21 18:16	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/17/21 18:16	1
<b>Tetrachloroethene</b>	<b>1.7</b>		<b>0.50</b>	<b>0.18</b>	<b>ug/L</b>			<b>02/17/21 18:16</b>	<b>1</b>
Toluene	<0.50		0.50	0.086	ug/L			02/17/21 18:16	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 18:16	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/17/21 18:16	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:16	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/17/21 18:16	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/17/21 18:16	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/17/21 18:16	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/17/21 18:16	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/17/21 18:16	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/17/21 18:16	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/17/21 18:16	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 18:16	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/17/21 18:16	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/17/21 18:16	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/17/21 18:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	84		70 - 130					02/17/21 18:16	1
1,2-Dichlorobenzene-d4	108		70 - 130					02/17/21 18:16	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: HAMP-23**

**Lab Sample ID: 680-195025-4**

Date Collected: 02/10/21 09:15

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/17/21 18:42	1
Benzene	<0.50		0.50	0.082	ug/L			02/17/21 18:42	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/17/21 18:42	1
Bromoform	<0.50		0.50	0.17	ug/L			02/17/21 18:42	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/17/21 18:42	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/17/21 18:42	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:42	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/17/21 18:42	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/17/21 18:42	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/17/21 18:42	1
Chloroform	<0.50		0.50	0.20	ug/L			02/17/21 18:42	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/17/21 18:42	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/17/21 18:42	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/17/21 18:42	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 18:42	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/17/21 18:42	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/17/21 18:42	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/17/21 18:42	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/17/21 18:42	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/17/21 18:42	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/17/21 18:42	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/17/21 18:42	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/17/21 18:42	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/17/21 18:42	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/17/21 18:42	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/17/21 18:42	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/17/21 18:42	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/17/21 18:42	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/17/21 18:42	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/17/21 18:42	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/17/21 18:42	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/17/21 18:42	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/17/21 18:42	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/17/21 18:42	1
Freon 113	<0.50		0.50	0.15	ug/L			02/17/21 18:42	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/17/21 18:42	1
2-Hexanone	<10		10	5.0	ug/L			02/17/21 18:42	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/17/21 18:42	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/17/21 18:42	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/17/21 18:42	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/17/21 18:42	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/17/21 18:42	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/17/21 18:42	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/17/21 18:42	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 18:42	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 18:42	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/17/21 18:42	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:42	1
Styrene	<0.50		0.50	0.089	ug/L			02/17/21 18:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: HAMP-23**

**Lab Sample ID: 680-195025-4**

**Date Collected: 02/10/21 09:15**

**Matrix: Water**

**Date Received: 02/12/21 10:40**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/17/21 18:42	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/17/21 18:42	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:42	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/17/21 18:42	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/17/21 18:42	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/17/21 18:42	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/17/21 18:42	1
Toluene	<0.50		0.50	0.086	ug/L			02/17/21 18:42	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 18:42	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/17/21 18:42	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 18:42	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/17/21 18:42	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/17/21 18:42	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/17/21 18:42	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/17/21 18:42	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/17/21 18:42	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/17/21 18:42	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/17/21 18:42	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 18:42	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/17/21 18:42	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/17/21 18:42	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/17/21 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		70 - 130		02/17/21 18:42	1
1,2-Dichlorobenzene-d4	99		70 - 130		02/17/21 18:42	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 680-195025-5**

Date Collected: 02/09/21 07:00

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/17/21 14:46	1
Benzene	<0.50		0.50	0.082	ug/L			02/17/21 14:46	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/17/21 14:46	1
Bromoform	<0.50		0.50	0.17	ug/L			02/17/21 14:46	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/17/21 14:46	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/17/21 14:46	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 14:46	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/17/21 14:46	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/17/21 14:46	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/17/21 14:46	1
Chloroform	<0.50		0.50	0.20	ug/L			02/17/21 14:46	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/17/21 14:46	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/17/21 14:46	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/17/21 14:46	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 14:46	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/17/21 14:46	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/17/21 14:46	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/17/21 14:46	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/17/21 14:46	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/17/21 14:46	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/17/21 14:46	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/17/21 14:46	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/17/21 14:46	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/17/21 14:46	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/17/21 14:46	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/17/21 14:46	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/17/21 14:46	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/17/21 14:46	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/17/21 14:46	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/17/21 14:46	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/17/21 14:46	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/17/21 14:46	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/17/21 14:46	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/17/21 14:46	1
Freon 113	<0.50		0.50	0.15	ug/L			02/17/21 14:46	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/17/21 14:46	1
2-Hexanone	<10		10	5.0	ug/L			02/17/21 14:46	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/17/21 14:46	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/17/21 14:46	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/17/21 14:46	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/17/21 14:46	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/17/21 14:46	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/17/21 14:46	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/17/21 14:46	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 14:46	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 14:46	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/17/21 14:46	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 14:46	1
Styrene	<0.50		0.50	0.089	ug/L			02/17/21 14:46	1



# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 680-195025-5**

Date Collected: 02/09/21 07:00

Matrix: Water

Date Received: 02/12/21 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/17/21 14:46	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/17/21 14:46	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 14:46	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/17/21 14:46	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/17/21 14:46	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/17/21 14:46	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/17/21 14:46	1
Toluene	<0.50		0.50	0.086	ug/L			02/17/21 14:46	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 14:46	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/17/21 14:46	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 14:46	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/17/21 14:46	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/17/21 14:46	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/17/21 14:46	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/17/21 14:46	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/17/21 14:46	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/17/21 14:46	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/17/21 14:46	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 14:46	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/17/21 14:46	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/17/21 14:46	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/17/21 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		70 - 130		02/17/21 14:46	1
1,2-Dichlorobenzene-d4	103		70 - 130		02/17/21 14:46	1



# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

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

Lab Sample ID: MB 680-655987/8

Matrix: Water

Analysis Batch: 655987

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/17/21 13:01	1
Benzene	<0.50		0.50	0.082	ug/L			02/17/21 13:01	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/17/21 13:01	1
Bromoform	<0.50		0.50	0.17	ug/L			02/17/21 13:01	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/17/21 13:01	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/17/21 13:01	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 13:01	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/17/21 13:01	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/17/21 13:01	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/17/21 13:01	1
Chloroform	<0.50		0.50	0.20	ug/L			02/17/21 13:01	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/17/21 13:01	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/17/21 13:01	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/17/21 13:01	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 13:01	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/17/21 13:01	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/17/21 13:01	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/17/21 13:01	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/17/21 13:01	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/17/21 13:01	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/17/21 13:01	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/17/21 13:01	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/17/21 13:01	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/17/21 13:01	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/17/21 13:01	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/17/21 13:01	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/17/21 13:01	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/17/21 13:01	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/17/21 13:01	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/17/21 13:01	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/17/21 13:01	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/17/21 13:01	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/17/21 13:01	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/17/21 13:01	1
Freon 113	<0.50		0.50	0.15	ug/L			02/17/21 13:01	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/17/21 13:01	1
2-Hexanone	<10		10	5.0	ug/L			02/17/21 13:01	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/17/21 13:01	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/17/21 13:01	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/17/21 13:01	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/17/21 13:01	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/17/21 13:01	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/17/21 13:01	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/17/21 13:01	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 13:01	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 13:01	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/17/21 13:01	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 13:01	1

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

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

Lab Sample ID: MB 680-655987/8  
Matrix: Water  
Analysis Batch: 655987

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	<0.50		0.50	0.089	ug/L			02/17/21 13:01	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/17/21 13:01	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/17/21 13:01	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/17/21 13:01	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/17/21 13:01	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/17/21 13:01	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/17/21 13:01	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/17/21 13:01	1
Toluene	<0.50		0.50	0.086	ug/L			02/17/21 13:01	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/17/21 13:01	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/17/21 13:01	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/17/21 13:01	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/17/21 13:01	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/17/21 13:01	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/17/21 13:01	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/17/21 13:01	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/17/21 13:01	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/17/21 13:01	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/17/21 13:01	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/17/21 13:01	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/17/21 13:01	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/17/21 13:01	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/17/21 13:01	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	87		70 - 130		02/17/21 13:01	1
1,2-Dichlorobenzene-d4	103		70 - 130		02/17/21 13:01	1

Lab Sample ID: LCS 680-655987/4  
Matrix: Water  
Analysis Batch: 655987

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Acetone	100	92.1		ug/L		92	70 - 130
Benzene	20.0	18.8		ug/L		94	70 - 130
Bromobenzene	20.0	19.8		ug/L		99	70 - 130
Bromoform	20.0	22.4		ug/L		112	70 - 130
Bromomethane	20.0	21.5		ug/L		107	70 - 130
Carbon tetrachloride	20.0	19.9		ug/L		99	70 - 130
Chlorobenzene	20.0	19.4		ug/L		97	70 - 130
Chlorobromomethane	20.0	18.0		ug/L		90	70 - 130
Chlorodibromomethane	20.0	19.0		ug/L		95	70 - 130
Chloroethane	20.0	16.1		ug/L		80	70 - 130
Chloroform	20.0	17.7		ug/L		88	70 - 130
Chloromethane	20.0	17.8		ug/L		89	70 - 130
2-Chlorotoluene	20.0	20.0		ug/L		100	70 - 130
4-Chlorotoluene	20.0	20.0		ug/L		100	70 - 130
cis-1,2-Dichloroethene	20.0	16.2		ug/L		81	70 - 130

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# QC Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: Black & Decker

Job ID: 680-195025-1

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

Lab Sample ID: LCS 680-655987/4  
 Matrix: Water  
 Analysis Batch: 655987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	19.7		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	18.1		ug/L		91	70 - 130
Dibromomethane	20.0	18.5		ug/L		93	70 - 130
1,2-Dichlorobenzene	20.0	18.9		ug/L		94	70 - 130
1,3-Dichlorobenzene	20.0	18.7		ug/L		94	70 - 130
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130
Dichlorobromomethane	20.0	18.8		ug/L		94	70 - 130
Dichlorodifluoromethane	20.0	20.4		ug/L		102	70 - 130
1,1-Dichloroethane	20.0	17.4		ug/L		87	70 - 130
1,2-Dichloroethane	20.0	19.6		ug/L		98	70 - 130
1,1-Dichloroethene	20.0	17.6		ug/L		88	70 - 130
1,2-Dichloropropane	20.0	18.0		ug/L		90	70 - 130
1,3-Dichloropropane	20.0	18.9		ug/L		94	70 - 130
2,2-Dichloropropane	20.0	19.0		ug/L		95	70 - 130
1,1-Dichloropropene	20.0	19.6		ug/L		98	70 - 130
1,3-Dichloropropene, Total	40.0	39.9		ug/L		100	70 - 130
Diisopropyl ether	16.0	13.9		ug/L		87	70 - 130
Ethylbenzene	20.0	19.8		ug/L		99	70 - 130
Ethylene Dibromide	20.0	20.2		ug/L		101	70 - 130
Freon 113	20.0	18.8		ug/L		94	70 - 130
Hexachlorobutadiene	20.0	22.1		ug/L		110	70 - 130
2-Hexanone	100	101		ug/L		101	70 - 130
Isopropylbenzene	20.0	19.9		ug/L		100	70 - 130
4-Isopropyltoluene	20.0	20.6		ug/L		103	70 - 130
Methylene Chloride	20.0	17.1		ug/L		86	70 - 130
2-Butanone (MEK)	100	99.0		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	100	95.4		ug/L		95	70 - 130
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	70 - 130
Naphthalene	20.0	19.5		ug/L		97	70 - 130
n-Butylbenzene	20.0	20.5		ug/L		102	70 - 130
N-Propylbenzene	20.0	19.9		ug/L		99	70 - 130
o-Xylene	20.0	19.5		ug/L		98	70 - 130
sec-Butylbenzene	20.0	20.0		ug/L		100	70 - 130
Styrene	20.0	19.3		ug/L		97	70 - 130
Tert-amyl methyl ether	16.0	14.2		ug/L		89	70 - 130
tert-Butyl alcohol	200	207		ug/L		103	70 - 130
tert-Butylbenzene	20.0	20.5		ug/L		103	70 - 130
Tert-butyl ethyl ether	16.0	14.0		ug/L		88	70 - 130
1,1,1,2-Tetrachloroethane	20.0	18.7		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	70 - 130
Tetrachloroethene	20.0	19.1		ug/L		95	70 - 130
Toluene	20.0	19.4		ug/L		97	70 - 130
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	70 - 130
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130
1,2,3-Trichlorobenzene	20.0	19.3		ug/L		96	70 - 130
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	70 - 130
1,1,1-Trichloroethane	20.0	18.8		ug/L		94	70 - 130
1,1,2-Trichloroethane	20.0	19.5		ug/L		97	70 - 130
Trichloroethene	20.0	19.3		ug/L		97	70 - 130

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

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

Lab Sample ID: LCS 680-655987/4  
Matrix: Water  
Analysis Batch: 655987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	20.0	18.4		ug/L		92	70 - 130
1,2,3-Trichloropropane	20.0	18.5		ug/L		93	70 - 130
Trihalomethanes, Total	80.0	77.9		ug/L		97	70 - 130
1,2,4-Trimethylbenzene	20.0	21.0		ug/L		105	70 - 130
1,3,5-Trimethylbenzene	20.0	20.2		ug/L		101	70 - 130
Vinyl chloride	20.0	17.1		ug/L		86	70 - 130
Xylenes, Total	40.0	39.5		ug/L		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130
1,2-Dichlorobenzene-d4	99		70 - 130

Lab Sample ID: LCS 680-655987/5  
Matrix: Water  
Analysis Batch: 655987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	99.6		ug/L		100	70 - 130	8	20
Benzene	20.0	19.4		ug/L		97	70 - 130	3	20
Bromobenzene	20.0	19.9		ug/L		100	70 - 130	1	20
Bromoform	20.0	23.3		ug/L		117	70 - 130	4	20
Bromomethane	20.0	24.0		ug/L		120	70 - 130	11	20
Carbon tetrachloride	20.0	20.2		ug/L		101	70 - 130	2	20
Chlorobenzene	20.0	19.4		ug/L		97	70 - 130	0	20
Chlorobromomethane	20.0	19.4		ug/L		97	70 - 130	7	20
Chlorodibromomethane	20.0	20.5		ug/L		102	70 - 130	7	20
Chloroethane	20.0	16.7		ug/L		83	70 - 130	4	20
Chloroform	20.0	18.1		ug/L		91	70 - 130	2	20
Chloromethane	20.0	19.8		ug/L		99	70 - 130	11	20
2-Chlorotoluene	20.0	20.7		ug/L		104	70 - 130	3	20
4-Chlorotoluene	20.0	20.8		ug/L		104	70 - 130	4	20
cis-1,2-Dichloroethene	20.0	17.4		ug/L		87	70 - 130	7	20
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	70 - 130	4	20
1,2-Dibromo-3-Chloropropane	20.0	20.9		ug/L		105	70 - 130	14	20
Dibromomethane	20.0	19.2		ug/L		96	70 - 130	4	20
1,2-Dichlorobenzene	20.0	19.7		ug/L		98	70 - 130	4	20
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	70 - 130	5	20
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	70 - 130	7	20
Dichlorobromomethane	20.0	18.8		ug/L		94	70 - 130	0	20
Dichlorodifluoromethane	20.0	18.7		ug/L		93	70 - 130	9	20
1,1-Dichloroethane	20.0	18.0		ug/L		90	70 - 130	3	20
1,2-Dichloroethane	20.0	20.1		ug/L		101	70 - 130	2	20
1,1-Dichloroethene	20.0	18.3		ug/L		92	70 - 130	4	20
1,2-Dichloropropane	20.0	18.7		ug/L		94	70 - 130	4	20
1,3-Dichloropropane	20.0	19.8		ug/L		99	70 - 130	5	20
2,2-Dichloropropane	20.0	18.6		ug/L		93	70 - 130	2	20
1,1-Dichloropropene	20.0	19.1		ug/L		96	70 - 130	2	20
1,3-Dichloropropene, Total	40.0	40.7		ug/L		102	70 - 130	2	20

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# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

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

Lab Sample ID: LCSD 680-655987/5			Client Sample ID: Lab Control Sample Dup							
Matrix: Water			Prep Type: Total/NA							
Analysis Batch: 655987										
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Diisopropyl ether	16.0	14.4		ug/L		90	70 - 130	3	20	
Ethylbenzene	20.0	20.8		ug/L		104	70 - 130	5	20	
Ethylene Dibromide	20.0	20.1		ug/L		101	70 - 130	1	20	
Freon 113	20.0	17.9		ug/L		89	70 - 130	5	20	
Hexachlorobutadiene	20.0	21.7		ug/L		109	70 - 130	2	20	
2-Hexanone	100	104		ug/L		104	70 - 130	3	20	
Isopropylbenzene	20.0	20.8		ug/L		104	70 - 130	4	20	
4-Isopropyltoluene	20.0	20.7		ug/L		103	70 - 130	0	20	
Methylene Chloride	20.0	17.8		ug/L		89	70 - 130	4	20	
2-Butanone (MEK)	100	97.2		ug/L		97	70 - 130	2	20	
4-Methyl-2-pentanone (MIBK)	100	97.0		ug/L		97	70 - 130	2	20	
m-Xylene & p-Xylene	20.0	21.5		ug/L		108	70 - 130	7	20	
Naphthalene	20.0	20.1		ug/L		100	70 - 130	3	20	
n-Butylbenzene	20.0	21.6		ug/L		108	70 - 130	5	20	
N-Propylbenzene	20.0	20.5		ug/L		103	70 - 130	3	20	
o-Xylene	20.0	20.2		ug/L		101	70 - 130	3	20	
sec-Butylbenzene	20.0	20.8		ug/L		104	70 - 130	4	20	
Styrene	20.0	20.7		ug/L		103	70 - 130	7	20	
Tert-amyl methyl ether	16.0	14.2		ug/L		89	70 - 130	0	20	
tert-Butyl alcohol	200	222		ug/L		111	70 - 130	7	20	
tert-Butylbenzene	20.0	20.8		ug/L		104	70 - 130	1	20	
Tert-butyl ethyl ether	16.0	14.3		ug/L		89	70 - 130	2	20	
1,1,1,2-Tetrachloroethane	20.0	20.3		ug/L		102	70 - 130	8	20	
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/L		96	70 - 130	2	20	
Tetrachloroethene	20.0	20.3		ug/L		101	70 - 130	6	20	
Toluene	20.0	19.6		ug/L		98	70 - 130	1	20	
trans-1,2-Dichloroethene	20.0	18.3		ug/L		91	70 - 130	3	20	
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130	0	20	
1,2,3-Trichlorobenzene	20.0	20.6		ug/L		103	70 - 130	7	20	
1,2,4-Trichlorobenzene	20.0	20.6		ug/L		103	70 - 130	6	20	
1,1,1-Trichloroethane	20.0	20.3		ug/L		101	70 - 130	8	20	
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	70 - 130	8	20	
Trichloroethene	20.0	20.1		ug/L		100	70 - 130	4	20	
Trichlorofluoromethane	20.0	17.9		ug/L		90	70 - 130	3	20	
1,2,3-Trichloropropane	20.0	20.2		ug/L		101	70 - 130	9	20	
Trihalomethanes, Total	80.0	80.7		ug/L		101	70 - 130	4	20	
1,2,4-Trimethylbenzene	20.0	21.7		ug/L		108	70 - 130	3	20	
1,3,5-Trimethylbenzene	20.0	21.1		ug/L		106	70 - 130	4	20	
Vinyl chloride	20.0	17.9		ug/L		89	70 - 130	4	20	
Xylenes, Total	40.0	41.7		ug/L		104	70 - 130	5	20	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		70 - 130
1,2-Dichlorobenzene-d4	106		70 - 130



# QC Association Summary

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

## GC/MS VOA

Analysis Batch: 655987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-195025-1	RFW-20	Total/NA	Water	524.2	
680-195025-2	RFW-21	Total/NA	Water	524.2	
680-195025-3	HAMP-22	Total/NA	Water	524.2	
680-195025-4	HAMP-23	Total/NA	Water	524.2	
680-195025-5	TRIP BLANK	Total/NA	Water	524.2	
MB 680-655987/8	Method Blank	Total/NA	Water	524.2	
LCS 680-655987/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-655987/5	Lab Control Sample Dup	Total/NA	Water	524.2	



# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

**Client Sample ID: RFW-20**

**Lab Sample ID: 680-195025-1**

Date Collected: 02/09/21 09:10

Matrix: Water

Date Received: 02/12/21 10:40

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	655987	02/17/21 17:49	P1C	TAL SAV
Instrument ID: CMSA2										

**Client Sample ID: RFW-21**

**Lab Sample ID: 680-195025-2**

Date Collected: 02/09/21 08:20

Matrix: Water

Date Received: 02/12/21 10:40

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		10	5 mL	5 mL	655987	02/17/21 20:00	P1C	TAL SAV
Instrument ID: CMSA2										

**Client Sample ID: HAMP-22**

**Lab Sample ID: 680-195025-3**

Date Collected: 02/10/21 19:10

Matrix: Water

Date Received: 02/12/21 10:40

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	655987	02/17/21 18:16	P1C	TAL SAV
Instrument ID: CMSA2										

**Client Sample ID: HAMP-23**

**Lab Sample ID: 680-195025-4**

Date Collected: 02/10/21 09:15

Matrix: Water

Date Received: 02/12/21 10:40

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	655987	02/17/21 18:42	P1C	TAL SAV
Instrument ID: CMSA2										

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 680-195025-5**

Date Collected: 02/09/21 07:00

Matrix: Water

Date Received: 02/12/21 10:40

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	655987	02/17/21 14:46	P1C	TAL SAV
Instrument ID: CMSA2										

**Laboratory References:**

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

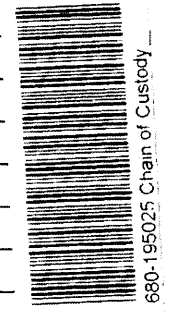


Address: \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other:

TAL-8210

Client Contact		Project Manager: <b>AMY</b>		Site Contact: <b>Greg Horvath</b> Date: <b>2/10/21</b>		COC No: _____	
Company Name: <b>Western Solutions</b>		Tel/Email: _____		Lab Contact: <b>AMY Weir</b> Barrier: <b>Feed En</b>		_____ of _____ COCs	
Address: <b>Western Way</b>		Analysis Turnaround Time		Filtered Sample (Y/N)   Perform MS/MSD (Y/N)		Sampler: _____	
City/State/Zip: <b>W Chester PA</b>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS				For Lab Use Only:	
Phone: <b>610-721-0583</b>		TAT if different from Below _____				Walk-in Client: _____	
Fax: _____		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				Lab Sampling: _____	
Project Name: <b>Black + Decker</b>						Job / SDG No.: _____	
Site: <b>HAMPSTEAD, MD</b>							
PO# _____							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)
<b>RFW-20</b>	<b>2/6/21</b>	<b>910</b>	<b>G</b>	<b>W</b>	<b>3</b>	<b>✓</b>	<b>✓</b>
<b>RFW-21</b>	<b>2/9/21</b>	<b>820</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>✓</b>	<b>✓</b>
<b>HAMP-22</b>	<b>2/10/21</b>	<b>910</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>✓</b>	<b>✓</b>
<b>HAMP-23</b>	<b>2/10/21</b>	<b>915</b>	<b>I</b>	<b>I</b>	<b>I</b>	<b>✓</b>	<b>✓</b>
<b>Trip Blank</b>	<b>2/9/21</b>	<b>700</b>	<b>I</b>	<b>I</b>	<b>2</b>	<b>✓</b>	<b>✓</b>
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						<b>2</b>	
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.						Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months	
Special Instructions/QC Requirements & Comments: <b>4.5/5.0</b>							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____	
Relinquished by: <b>[Signature]</b>		Company: <b>Western</b>		Date/Time: <b>2/10/21 11:00</b>		Received by: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: <b>[Signature]</b>	
						Company: <b>SAU</b>	
						Date/Time: <b>2/12/21 1040</b>	



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2/18/2021

# Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-195025-1

Login Number: 195025

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Mookken, Darmal

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> 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?	N/A	
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





# Accreditation/Certification Summary

Client: Weston Solutions, Inc.  
Project/Site: Black & Decker

Job ID: 680-195025-1

## Laboratory: Eurofins TestAmerica, Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Maryland	State	250	12-31-21



