

Quarterly Groundwater Monitoring Report

Prepared for

Stanley Black & Decker Inc.

Hampstead, Maryland

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Prepared by

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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 October through December 2019.

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 October through December 2019, the extraction wells were pumping at an average combined rate of approximately 186 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 October through December 2019 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of October through December 2019, approximately 7.26 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) (51%) and tetrachloroethene (PCE) (49%). Analytical results of the groundwater collected from the air stripper for the period of October through December 2019 are included in Appendix C.

A summary of the analytical results from the fourth quarter (November 2019) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete

Table 2-1
Treatment System Pumping Records - 4th Quarter 2019
Stanley Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
October 2019	7,884,863
November 2019	6,763,414
December 2019	7,172,566

Table 2-2
Groundwater Elevation Data - 4th Quarter 2019
Stanley Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	10/17/2019		11/11/2019		12/26/2019	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	87.90	761.31	89.31	759.90	90.00	759.21
EW-3	846.64	118	93.20	753.44	96.50	750.14	96.50	750.14
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	91.35	772.82	92.20	771.97	92.40	771.77
EW-6	831.98	115	80.25	751.73	90.60	741.38	91.00	740.98
EW-7	818.38	78	78.20	740.18	58.63	759.75	60.74	757.64
EW-8	811.13	98	93.50	717.63	93.50	717.63	93.80	717.33
EW-9	811.35	141	103.00	708.35	99.10	712.25	99.00	712.35
EW-10	807.74	INA	57.05	750.69	58.92	748.82	60.13	747.61
RFW-1A	864.37	78	50.37	814.00	51.41	812.96	51.80	812.57
RFW-1B	864.23	200	50.39	813.84	51.45	812.78	51.83	812.40
RFW-2A	857.41	35	17.31	840.10	16.16	841.25	16.46	840.95
RFW-2B	857.73	75	17.91	839.82	16.82	840.91	16.99	840.74
RFW-3B	839.21	153	32.92	806.29	32.40	806.81	33.02	806.19
RFW-4A	830.37	62	36.82	793.55	37.04	793.33	37.11	793.26
RFW-4B	830.37	120	36.73	793.64	36.98	793.39	37.06	793.31
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	1.97	783.07	1.77	783.27	3.26	781.78
RFW-7	805.14	29	7.04	798.10	6.73	798.41	6.49	798.65
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.08	834.94	26.82	835.20	26.98	835.04
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	63.90	785.72	64.32	785.30	65.11	784.51
RFW-12B	844.87	264	51.26	793.61	50.13	794.74	50.46	794.41
RFW-13	849.11	150	60.95	788.16	58.22	790.89	58.33	790.78
RFW-14B	812.39	281	50.63	761.76	55.41	756.98	56.11	756.28
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	25.83	808.83	26.42	808.24	26.38	808.28
RFW-20	842.49	142	33.56	808.93	34.22	808.27	34.26	808.23
RFW-21	832.65	102	21.20	811.45	21.57	811.08	21.70	810.95
PH-7	805.94	89	33.22	772.72	34.01	771.93	34.55	771.39
PH-9	814.94	98	46.27	768.67	44.70	770.24	44.87	770.07
PH-11	820.68	78	44.87	775.81	44.24	776.44	44.64	776.04
PH-12	828.35	87	42.76	785.59	42.60	785.75	42.58	785.77
B-3	803.02	83	NA	NC	NA	NC	NA	NC
Amoco	842.29	INA	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	INA	1.71	803.25	1.29	803.67	1.08	803.88
Pembroke #1	INA	INA	9.78	NC	9.17	NC	9.46	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	8.94	NC	8.74	NC	9.17	NC
E. Century St.	INA	INA	11.65	NC	12.43	NC	13.11	NC
Lwr. Beckleys. Rd.	INA	INA	52.87	NC	53.08	NC	53.47	NC

NA - Not Available/Not Accessible

NC - Not Calculable

INA - Information not available

PC - Pump Cycles

**Table 2-3
Effluent Characteristics Summary - 4th Quarter 2019
Black & Decker
Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	Discharge Monitoring Report Date		
				October 2019	November 2019	December 2019
001 (Monitoring Point)	FLOW	MGD	NA	0.125	0.109	0.142
		average				
		maximum	MGD	NA	0.609	0.395
	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	<2	<2	<2
		minimum	STD	7.2	7.1	6.7
		maximum	STD	8.3	7.7	7.5
BOD	mg/l	15	3.0	5.0	4.0	
TSS	mg/l	30	12	10	<5	
	monthly average	mg/l	12	10	<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	0.234
		average				
		maximum	MGD	NA	NR	0.305
	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 - November 2019
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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 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	1.9 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	1.4	1 U	1 U	1 U	2.5	26	1 U	1 U	1 U
Chloroform	ug/L	NS	2 U	2 U	2 U	2 U	0.4 J	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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 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
1,2-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	110	16	9.2	88	3.1	1.8	5.4	0.3 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	43	0.4 J	0.58 J	2.5	6.2	4.4	45	98	97	6.6
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	0.2 J	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 - November 2019
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	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	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
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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	3.4 J	4.8 J	NS	2.6 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	0.8 J	0.7 J	3.6	NS	1 U	1 U	NS	4.5	NS
Chloroform	ug/L	2 U	2 U	2 U	2 U	2 U	0.5 J	0.5 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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
1,2-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	24	24	57	NS	0.5 J	0.4 J	NS	2.8	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	0.5 J	19	19	68	NS	0.8 J	1 U	NS	1.5	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	0.2 J	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.
NS = Not sampled J = Indicates an estimated value.

**Table 2-4
Summary of Groundwater Analytical Results - November 2019
Stanley Black & Decker
Hampstead, Maryland**

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy 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	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	2 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 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	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J
Acetone	ug/L	NS	2.5 J	10 U	2.2 J	NS	2.6 J	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	2 U	2 U	0.5 J	NS	2 U	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	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.1	4.5	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	2 U	0.5 U	0.5 U	0.26 J	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 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	5 U	10 U	10 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	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 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	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	0.8	68	1.8	NS	0.5 U	ABD	ABD	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	5.7	8.1	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	1.3	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	1 U	0.5 U	0.5 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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	0.5 J	0.5 U	0.5 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	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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

NS = Not sampled
U = Compound was analyzed but not detected.
ABD = Well has been abandoned

analytical data package is included in Appendix D.

As found in earlier sampling events at the Stanley 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 samples collected from wells EW-2 and EW-5 on the Northeastern portion of the property and the highest concentration of PCE was detected in the groundwater sample collected from wells EW-9 and RFW-4B on the Southwestern portion of the property. 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 (October through December 2019) is provided 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 activities).

Table 3-1
Treatment System Maintenance Activities - 4th Quarter 2019
Stanley Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
Oct-19	Plas-Tech and Mark Anderson Electric installed a new flow meter on the air stripper. The air stripper was down for 5 hours, the system is back on line.
Oct-19	Alarm at the stripper, EW-6 tripped off. Replaced the relays and timer on EW-6 the well is back online.
Nov-19	Power outage at the facility, the system was reset and the system is back on line.
Nov-19	Alarm at the stripper, EW-9 tripped off. The system was reset, EW-9 is back on line.
Nov-19	Power outage at the facility, The system was reset and the system is back on line, EW-10 did not come back on line.
Dec-19	Replaced the timer and relay on EW-10, the well is back on line.

4. RECOMMENDATIONS

For the reporting period of October through December 2019, 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, which is included in the Annual Report, 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.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(OCTOBER – DECEMBER 2019)

MARYLAND DEPARTMENT of the ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

Operated By: Maryland Environmental Service

259 Napoles Road, Millersville MD

Facility: BTR Capital Group (MD0001881)

Address: 626 Hanover Pike, Hampstead Maryland

Month: October

Year: 2019

Supervisor: David Coale 1662
 Certification #: Garrett Scheller 2500, Chris Dallas 6202, Dorrance Jones 0763, Chris Childers 100781, Jessica Fierro 3463

Date	Day	Weather	Rainfall inch	Lake level inch	Lake Water Color	pH	Cl ₂ mg/l	D.O. mg/l	TSS mg/l	Cl ₂ HTH lbs./day	Cl ₂ Sod Hypo gal/day	Floating Scum	Shallow Spots	Ice Coverage %	Erosion	Rodent Holes	Comments
1	Tues	Clear	0.0	0"	Clear	8.1	0.00	7.8				None	None	0%	None	None	
2	Wed	Cloudy	0.0	0"	Clear	7.6	0.00					None	None	0%	None	None	
3	Thur	Cloudy	0.0	0"	Clear	7.2	0.00					None	None	0%	None	None	
4	Fri	Clear	0.0	0"	Clear	7.9	0.00					None	None	0%	None	None	
5	Sat	Clear	0.0	0"	Clear	7.8	0.00					None	None	0%	None	None	
6	Sun	Cloudy	0.0	0"	Clear	7.3	0.00					None	None	0%	None	None	
7	Mon	Cloudy	0.1	0"	Clear	7.7	0.00	7.5				None	None	0%	None	None	
8	Tues	Cloudy	0.1	0"	Clear	7.5	0.00	7.7				None	None	0%	None	None	
9	Wed	Cloudy	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
10	Thur	Clear	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
11	Fri	Clear	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
12	Sat	Cloudy	0.0	0"	Clear	7.9	0.00					None	None	0%	None	None	
13	Sun	Cloudy	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
14	Mon	Clear	0.0	0"	Clear	7.5	0.00	7.3				None	None	0%	None	None	
15	Tues	Clear	0.0	0"	Clear	7.6	0.00	7.7				None	None	0%	None	None	
16	Wed	Rain	0.6	0"	Clear	7.4	0.00					None	None	0%	None	None	
17	Thur	Clear	0.4	0"	Clear	7.4	0.00					None	None	0%	None	None	
18	Fri	Clear	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
19	Sat	Clear	0.0	0"	Clear	7.7	0.00					None	None	0%	None	None	
20	Sun	Rain	0.1	0"	Clear	7.3	0.00					None	None	0%	None	None	
21	Mon	Clear	0.4	0"	Clear	7.1	0.00	8.1				None	None	0%	None	None	
22	Tues	Rain	0.2	0"	Clear	7.1	0.00	8.3				None	None	0%	None	None	
23	Wed	Clear	0.5	0"	Clear	7.3	0.00					None	None	0%	None	None	
24	Thur	Clear	0.0	0"	Clear	7.2	0.00					None	None	0%	None	None	
25	Fri	Cloudy	0.0	0"	Clear	7.8	0.00					None	None	0%	None	None	
26	Sat	Cloudy	0.0	0"	Clear	8.1	0.00					None	None	0%	None	None	
27	Sun	Clear	2.25"	0"	Clear	7.7	0.00					None	None	0%	None	None	
28	Mon	Clear	0.0	0"	Clear	7.5	0.00	8.9				None	None	0%	None	None	
29	Tues	Cloudy	0.0	0"	Clear	7.6	0.00	8.7				None	None	0%	None	None	
30	Wed	Cloudy	0.0	0"	Clear	7.7	0.00					None	None	0%	None	None	
31	Thur	Rain	0.5	0"	Clear	7.7	0.00					None	None	0%	None	None	
Total			2.9								0.0						
Average			0.1	###		0.0	0.00	0.0	#DIV/0!	0.0	0.0						
Minimum			0.0	0.0		7.1	0.00	7.3	0.0	0.0	0.0						
Maximum			0.6	0.0		8.1	0.00	8.9	0.0	0.0	0.0						11/20/2019

MARYLAND DEPARTMENT of the ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

Facility: BTR Capital Group (MD0001881)

Address: 626 Hanover Pike, Hampstead Maryland

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

Superintendent: David Coale 1662

Certification # Garrett Scheller 2500, Dorrance Jones 0763, Chris Dallas 6202, Chris Childers 10783

Month: November
Year: 2019

Date	Day	Weather	Rainfall inch	Lake level inch	Lake Water Color	pH	CL ₂ mg/l	D.O. mg/l	TSS mg/l	Cl ₂ HTH lbs/day	Cl ₂ Sod. Hypo gal/day	Floating Scum	Shallow Spots	Ice Coverage %	Erosion	Rodent Holes	Comments
1	Fri	Clear	2.5	0"	Clear	8.0	0.00					None	None	0%	None	None	
2	Sat	Clear	0.0	0"	Clear	7.6	0.00					None	None	0%	None	None	
3	Sun	Clear	0.0	0"	Clear	7.7	0.00					None	None	0%	None	None	
4	Mon	Clear	0.0	0"	Clear	7.5	0.00	9.8				None	None	0%	None	None	
5	Tue	Clear	0.0	0"	Clear	7.5	0.00	10.1				None	None	0%	None	None	
6	Wed	Clear	0.0	0"	Clear	7.3	0.00					None	None	0%	None	None	
7	Thur	Cloudy	0.0	0"	Clear	7.3	0.00					None	None	0%	None	None	
8	Fri	Clear	0.2	0"	Clear	7.4	0.00					None	None	0%	None	None	
9	Sat	Cloudy	0.0	0"	Clear	7.8	0.00					None	None	0%	None	None	
10	Sun	Clear	0.0	0"	Clear	8.1	0.00					None	None	0%	None	None	
11	Mon	Clear	0.0	0"	Clear	7.4	0.00	9.7				None	None	0%	None	None	
12	Tue	Clear	0.1	0"	Clear	7.5	0.00	10.5				None	None	0%	None	None	
13	Wed	Clear	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
14	Thur	Clear	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
15	Fri	Clear	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
16	Sat	Clear	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
17	Sun	Cloudy	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
18	Mon	Cloudy	0.0	0"	Clear	7.3	0.00	10.3				None	None	0%	None	None	
19	Tue	Clear	0.0	0"	Clear	7.4	0.00	10.5				None	None	0%	None	None	
20	Wed	Cloudy	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
21	Thur	Clear	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
22	Fri	Cloudy	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
23	Sat	Cloudy	0.0	0"	Clear	7.5	0.00					None	None	0%	None	None	
24	Sun	Cloudy	1.2	0"	Clear	7.7	0.00					None	None	0%	None	None	
25	Mon	Clear	0.0	0"	Clear	7.3	0.00	12.1				None	None	0%	None	None	
26	Tue	Clear	0.0	0"	Clear	7.1	0.00	11.6				None	None	0%	None	None	
27	Wed	Cloudy	0.0	0"	Clear	7.2	0.00					None	None	0%	None	None	
28	Thur	Clear	0.1	0"	Clear	7.3	0.00					None	None	0%	None	None	
29	Fri	Clear	0.0	0"	Clear	7.4	0.00					None	None	0%	None	None	
30	Sat	Cloudy	0.0	0"	Clear	7.3	0.00					None	None	0%	None	None	
31																	
Total			4.1								0.0						
Average			0.1	#####		0.0	0.00	0.0	#DIV/0!	0.0	0.0						
Minimum			0.0	0.0		7.1	0.00	9.7	0.0	0.0	0.0						
Maximum			2.5	0.0		8.1	0.00	12.1	0.0	0.0	0.0						12/20/2019

MARYLAND DEPARTMENT of the ENVIRONMENT - WATER MANAGEMENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

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

Facility: BTR Capital Group (MD0001881)
 Address: 626 Hanover Pike, Hampstead Maryland

Superintendent: David Coale 1662
 Certification # Garrett Scheller 2500, Dorrance Jones 0763, Chris Dallas 6202, Chris Childers 10783

Month: December

Year: 2019

Date	Day	Weather	Rainfall inch	Lake level inch	Lake Water Color	pH	CL ₂ mg/l	DO mg/l	TSS mg/l	Cl ₂ HTH lbs./day	Cl ₂ Sod. gal/day	Floating Scum	Shallow Spots	Ice Coverage %	Erosion	Rodent Holes	Comments
1	Sun	Rain	0.2	0"	Clear	7.2	0.00					None	None	0%	None	None	
2	Mon	Cloudy	0.5	0"	Clear	7.3	0.00	11.5				None	None	0%	None	None	
3	Tue	Clear	0.0	0"	Clear	7.3	0.00	11.1				None	None	0%	None	None	
4	Wed	Cloudy	0.4	0"	Clear	7.3	0.00					None	None	0%	None	None	
5	Thur	Cloudy	0.0	0"	Clear	7.3	0.00					None	None	0%	None	None	
6	Fri	Cloudy	0.0	0"	Clear	7.2	0.00					None	None	0%	None	None	
7	Sat	Clear	0.0	0"	Clear	7.1	0.00					None	None	0%	None	None	
8	Sun	Clear	0.0	0"	Clear	7.1	0.00					None	None	1%	None	None	
9	Mon	Rain	0.3	0"	Clear	7.2	0.00	10.6				None	None	0%	None	None	
10	Tue	Cloudy	0.6	0"	Clear	7.0	0.00	12.2				None	None	0%	None	None	
11	Wed	Clear	0.2	0"	Clear	7.1	0.00					None	None	0%	None	None	
12	Thur	Clear	0.0	0"	Clear	7.1	0.00					None	None	0%	None	None	
13	Fri	Rain	0.2	0"	Clear	7.0	0.00					None	None	0%	None	None	
14	Sat	Rain	0.5	0"	Clear	6.7	0.00					None	None	0%	None	None	
15	Sun	Clear	0.0	0"	Clear	6.7	0.00					None	None	0%	None	None	
16	Mon	Cloudy	0.5	0"	Clear	6.7	0.00	11.5				None	None	0%	None	None	
17	Tue	Cloudy	1.1	0"	Clear	6.9	0.00	11.8				None	None	0%	None	None	
18	Wed	Cloudy	0.0	0"	Clear	6.9	0.00					None	None	0%	None	None	
19	Thur	Clear	0.0	0"	Clear	6.9	0.00					None	None	60%	None	None	
20	Fri	Clear	0.0	0"	Clear	7.0	0.00					None	None	70%	None	None	
21	Sat	Cloudy	0.0	0"	Clear	6.9	0.00					None	None	50%	None	None	
22	Sun	Clear	0.0	0"	Clear	6.4	0.00					None	None	50%	None	None	
23	Mon	Cloudy	0.0	0"	Clear	6.8	0.00	11.1				None	None	50%	None	None	
24	Tue	Clear	0.0	0"	Clear	6.8	0.00	11.6				None	None	30%	None	None	
25	Wed	Clear	0.0	0"	Clear	6.8	0.00					None	None	25%	None	None	
26	Thur	Clear	0.0	0"	Clear	6.9	0.00					None	None	0%	None	None	
27	Fri	Cloudy	0.0	0"	Clear	6.9	0.00					None	None	0%	None	None	
28	Sat	Clear	0.0	0"	Clear	7.1	0.00					None	None	0%	None	None	
29	Sun	Clear	0.0	0"	Clear	7.2	0.00					None	None	0%	None	None	
30	Mon	Cloudy	1.0	0"	Clear	7.2	0.00	10.6				None	None	0%	None	None	
31	Tue	Cloudy	0.1	0"	Clear	7.2	0.00	10.8				None	None	0%	None	None	
Total			5.6								0.0						
Average			0.2	#####		0.0	0.00	0.0	#DIV/0!	0.0	0.0						
Minimum			0.0	0.0		6.4	0.00	10.6	0.0	0.0	0.0						
Maximum			1.1	0.0		7.3	0.00	12.2	0.0	0.0	0.0						1/13/2020

**APPENDIX B
DISCHARGE MONITORING REPORTS
(OCTOBER - DECEMBER 2019)**

DMR Copy of Record

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

Report Dates & Status
 Monitoring Period: From 10/01/19 to 10/31/19
 DMR Due Date: 01/28/20
 Considerations for Form Completion

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

No Data Indicator (NODI)

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

Submission Note
 If a parameter low does not contain any values for the Sample not 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

19BlackandDeckerWTF10.pdf

Report Last Saved By
 BTR HAMPSTEAD, LLC

User: AMYKLINE
 Name: Amy Kline
 E-Mail: akline@menv.com
 Date/Time: 2019-11-20 14:31 (Time Zone -05:00)

Report Last Signed By
 User: JAYJANNEY
 Name: Jay Janney
 E-Mail: jann@menv.com

Name	Type	Size
19BlackandDeckerWTF10.pdf	pdf	1347047

Date/Time:

2019-11-25 07:55 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: MD0001881
 Major: No
 Permitted Feature: 001 External Outfall
 Report Dates & Status: 11/28/19
 Monitoring Period: From 10/01/19 to 10/31/19
 Considerations for Form Completion: NetDMR Validated

Permittee: BTR HAMPSTEAD,LLC
 626 HANOVER PIKE
 HAMPSTEAD, MD 21074
Facility Location: BTR HAMPSTEAD,LLC
 626 HANOVER PIKE
 HAMPSTEAD, MD 21074
Discharge: 001-A5
 PROPOSED
DMR Due Date: 11/28/19

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

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. Fahrenheit	1 - Effluent Gross	0		Req Mon DAILY AV		Req Mon DAILY AV		Req Mon DAILY AV			Req Mon DAILY AV C - No Discharge	24/01	Hourly	IT - Immersion Stabilization
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Req Mon MO AVG		Req Mon DAILY MX 03 - MGD		Req Mon DAILY MX 15 - deg F			Req Mon DAILY MX 15 - deg F C - No Discharge	01/00	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
 19BlackandDeckerWWT10.pdf
 Name: pdf
 Type: pdf
 Size: 1347047

Report Last Saved By
 BTR HAMPSTEAD,LLC
 User: AMYKLINE
 Name: Amy Kline
 E-Mail: akline@menv.com
 Date/Time: 2019-11-20 14:32 (Time Zone: -05:00)

Report Last Signed By
 User: JAY JANNEY
 Name: Jay Janney
 E-Mail: jjan@menv.com
 Date/Time: 2019-11-25 07:55 (Time Zone: -05:00)

DMR Copy of Record

Permit #: MD0001881
Major: No
Permitted Feature: 101 External Outfall
Report Dates & Status: From 10/01/19 to 10/31/19
Monitoring Period: From 10/01/19 to 10/31/19
Considerations for Form Completion:

Permittee: BTR HAMPSTEAD, LLC
Permittee Address: 626 HANOVER PIKE HAMPSTEAD, MD 21074
Discharge: 101-A2 16-DP-0022
DMR Due Date: 01/28/20
Status: NetDMR Validated

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

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 1 Value 2	Qualifier 3 Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
50560	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Req Mon MO AVG C - No Discharge	Req Mon DAILY MX 07 - gaud C - No Discharge								01/07 - Weekly	MS - MEASRD
51040	E coli	1 - Effluent Gross	0		Req Mon MO AVG C - No Discharge	Req Mon DAILY MX 07 - gaud C - No Discharge							30 - MPN/100mL	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

Comments

Attachments

19BackendDeckerWWTP10.pdf
Report Last Saved By: AMYKLINE
BYR HAMPSTEAD, LLC: Amy Kline
 User: akline@menv.com
 Name: 2019-11-20 14:32 (Time Zone: -05:00)
 E-Mail: jayjanney@menv.com
 Date/Time: 2019-11-25 07:55 (Time Zone: -05:00)
Report Last Signed By: JAYJANNEY
 User: Jay Janney
 Name: jann@menv.com
 E-Mail: 2019-11-25 07:55 (Time Zone: -05:00)
 Date/Time:

Name	Type	Size
19BackendDeckerWWTP10.pdf	pdf	1347047

DMR Copy of Record

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

Report Dates & Status
 Monitoring Period: From 10/01/19 to 10/31/19
 Status: NetDMR Validated
 DMR Due Date: 01/28/20

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

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quality or Concentration			Quantity or Loading			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	5 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 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 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	<=	12 - SU		02/01 - Twice Per Day	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	113 MX WK AV C - No Discharge	<=	19 - mg/L		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 - lb/mo C - No Discharge				01/30 - Monthly	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample Permit Req. Value NODI		27397 CUM TOTL 50 - lb/yr C - No Discharge				01/30 - Monthly	CA - CALCTD	
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	75 MX MO AV C - No Discharge	<=	19 - mg/L		01/30 - Monthly	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req. Mon MO AVG C - No Discharge				02/07 - Twice Every Week	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI		Req. Mon MO AVG C - No Discharge				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				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				02/07 - Twice Every Week	CA - CALCTD	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI	<=	21 MX DA AV C - No Discharge	<=	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD	
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	9 MX MO AV C - No Discharge	<=	19 - mg/L		01/30 - Monthly	CA - CALCTD	
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req. Mon MO AVG C - No Discharge				02/07 - Twice Every Week	CA - CALCTD	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	23 MX WK AV C - No Discharge	<=	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD	

DMR Copy of Record

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

Report Dates & Status
 Monitoring Period: From 11/01/19 to 11/30/19
 DMR Due Date: 01/28/20
 Status: NetDMR Validated

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

Form NODI:
 No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading		Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier 1	Value 2	Qualifier 2	Value 3				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0							19 - mg/L	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0							12 - SU	02/07 - Twice Every Week	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0							19 - mg/L	01/30 - Monthly	GR - GRAB	
00550	Oil & Grease	1 - Effluent Gross	0							19 - mg/L	01/30 - Monthly	GR - GRAB	
00650	Phosphorus, total (as P)	1 - Effluent Gross	0							19 - mg/L	01/30 - Monthly	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0							19 - mg/L	01/30 - Monthly	08 - COMP-8	
50080	Chlorine, total residual	1 - Effluent Gross	0							28 - ug/L	01/30 - Monthly	MS - MEASRD	

Submission Note
 If a parameter row does not contain any values for the Sample not 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

19BlackandDeckerWWT11.pdf

Report Last Saved By
 BTR HAMPSTEAD,LLC

User: AMYKLINE
 Name: Amy Kline
 E-Mail: akline@menv.com
 Date/Time: 2019-12-20 14:04 (Time Zone -05:00)

Report Last Signed By

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

Date/Time 2019-12-23 14:16 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: MD0001881
 Major: No
 Permitted Feature: 101 External Outfall
 Report Dates & Status: From 11/01/19 to 11/30/19
 Monitoring Period: From 11/01/19 to 11/30/19
 Considerations for Form Completion

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

Discharge: 101-A2
 16-DP-0022
DMR Due Date: 01/28/20
Status: NetDMR Validated

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

Title:
Telephone:

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	# of Ex.	Frequency of Analysis	Sample Type
5050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--			Req Mon MO AVG C - No Discharge		Req Mon DAILY MX 07 - gald C - No Discharge								0107 - Weekly	MS - MEASRD
5100	E coli	1 - Effluent Gross	0	--					126.0 MX WK AV C - No Discharge			30 - MPN/100ML					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
 19BlackandDeckerWWTP11.pdf
 Report Last Saved By: BTR HAMPSTEAD,LLC
 User: AMYKLINE
 Name: Amy Kline
 E-Mail: akline@meniv.com
 Date/Time: 2019-12-20 14:04 (Time Zone: -05:00)

Report Last Signed By
 User: JAYJANNEY
 Name: Jay Janney
 E-Mail: jann@meniv.com
 Date/Time: 2019-12-23 14:16 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: MD0001881
 Major: No
 Permitted Feature: 102 External Outfall
 Facility: BTR HAMPSTEAD, LLC
 Facility Location: 626 HANOVER PIKE HAMPSTEAD, MD 21074

Report Dates & Status
 Monitoring Period: From 11/01/19 to 11/30/19
 Status: NetDMR Validated
 Considerations for Form Completion: 01/28/20

Principal Executive Officer
 First Name:
 Last Name:
 Telephone:

No Data Indicator (NODI)
 Form NODI: Title:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Qualifier 2	Qualifier 1	Qualifier 2			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	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	0	Sample Permit Req. Value NODI	<=	225.0 MX WK AV C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00310	BOD, 5-day, 20 deg C	EG - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	150.0 MX MO AV C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00400	pH	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge	12 - SU	02/01 - Twice Per Day	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	113.0 MX WK AV C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	1	0	Sample Permit Req. Value NODI		Req Mon MO TOTAL 76 - lb/mo C - No Discharge		01/30 - Monthly	CA - CALCTD	
00530	Solids, total suspended	1 - Effluent Gross	2	0	Sample Permit Req. Value NODI		27397.0 CUM TOTL 50 - lb/yr C - No Discharge		01/30 - Monthly	CA - CALCTD	
00530	Solids, total suspended	EG - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	75.0 MX MO AV C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	0	Sample Permit Req. Value NODI		Req Mon MO TOTAL 76 - lb/mo C - No Discharge		01/30 - Monthly	CA - CALCTD	
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	0	Sample Permit Req. Value NODI		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	0	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	0	Sample Permit Req. Value NODI	<=	21.0 MX DA AV C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	9.0 MX MO AV C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD	
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	
00650	Phosphorus, total [as P]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	0.45 MX WK AV C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD	

DMR Copy of Record

Permit
 Permit #: MD0001881
 Major: No
 Permitted Feature: 101 External Outfall
 Report Dates & Status: From 12/01/19 to 12/31/19
 Monitoring Period: From 12/01/19 to 12/31/19
 Considerations for Form Completion: NetDMR Validated
 Facility: BTR HAMPSTEAD, LLC
 Facility Location: 626 HANOVER PIKE HAMPSTEAD, MD 21074
 Permittee: BTR HAMPSTEAD, LLC
 Permittee Address: 626 HANOVER PIKE HAMPSTEAD, MD 21074
 Discharge: 101-A2 16-DP-0022
 DMR Due Date: 01/28/20
 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	Quality or Concentration	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 MO AVG		Req Mon DAILY MX 07 - gal/d												01/07 - Weekly	MS - MEASRO
51000	E_coli	1 - Effluent Gross	0	--	C - No Discharge		C - No Discharge												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.

Edr Check Errors
 No errors.

Comments
 No comments.

Attachments
 19BlackandDeckerWTP12.pdf

Report Last Saved By
 BTR HAMPSTEAD, LLC

User: AMYKLINE
 Name: Amy Kline
 E-Mail: akline@menv.com
 Date/Time: 2020-01-13 15:14 (Time Zone: -05:00)

Report Last Signed By
 User: JAYJANNEY
 Name: Jay Janney
 E-Mail: jjanm@menv.com
 Date/Time: 2020-01-14 07:47 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: MD0001881
 Major: No
 Permitted Feature: 001 External Outfall
 Facility: BTR HAMPSTEAD, LLC
 Facility Location: 626 HANOVER PIKE HAMPSTEAD, MD 21074

Permittee: BTR HAMPSTEAD, LLC
Permittee Address: 626 HANOVER PIKE HAMPSTEAD, MD 21074
Discharge: 001-A1 16-DP-0022
DMR Due Date: 01/28/20
Status: NetDMR Validated

Report Dates & Status
Monitoring Period: From 12/01/19 to 12/31/19
Considerations for Form Completion

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

Form NODI: No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier 1	Value 2	Qualifier 2	Value 3				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0							4.0	19 - mg/L	01/30 - Monthly	GR - GRAB
										<=	15.0 DAILY MX	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0							6.7	12 - SU	02/07 - Twice Every Week	GR - GRAB
										>=	8.5 MINIMUM	02/07 - Twice Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0							0.0	19 - mg/L	01/30 - Monthly	GR - GRAB
										<=	30.0 DAILY MX	01/30 - Monthly	GR - GRAB
00550	Oil & Grease	1 - Effluent Gross	0							0.0	19 - mg/L	01/30 - Monthly	GR - GRAB
										<=	15.0 DAILY MX	01/30 - Monthly	GR - GRAB
00665	Phosphorus, total [as P]	1 - Effluent Gross	0							0.0	19 - mg/L	01/30 - Monthly	08 - COMP-8
										<=	0.3 MX MO AV	01/30 - Monthly	08 - COMP-8
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0							0.1418	03 - MGD	01/30 - Monthly	MS - MEASRD
										Req Mon DAILY MX	03 - MGD	01/30 - Monthly	MS - MEASRD
50060	Chlorine, total residual	1 - Effluent Gross	0							0.0	28 - ug/L	01/30 - Monthly	GR - GRAB
										<=	19.0 DAILY MX	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.

Comments

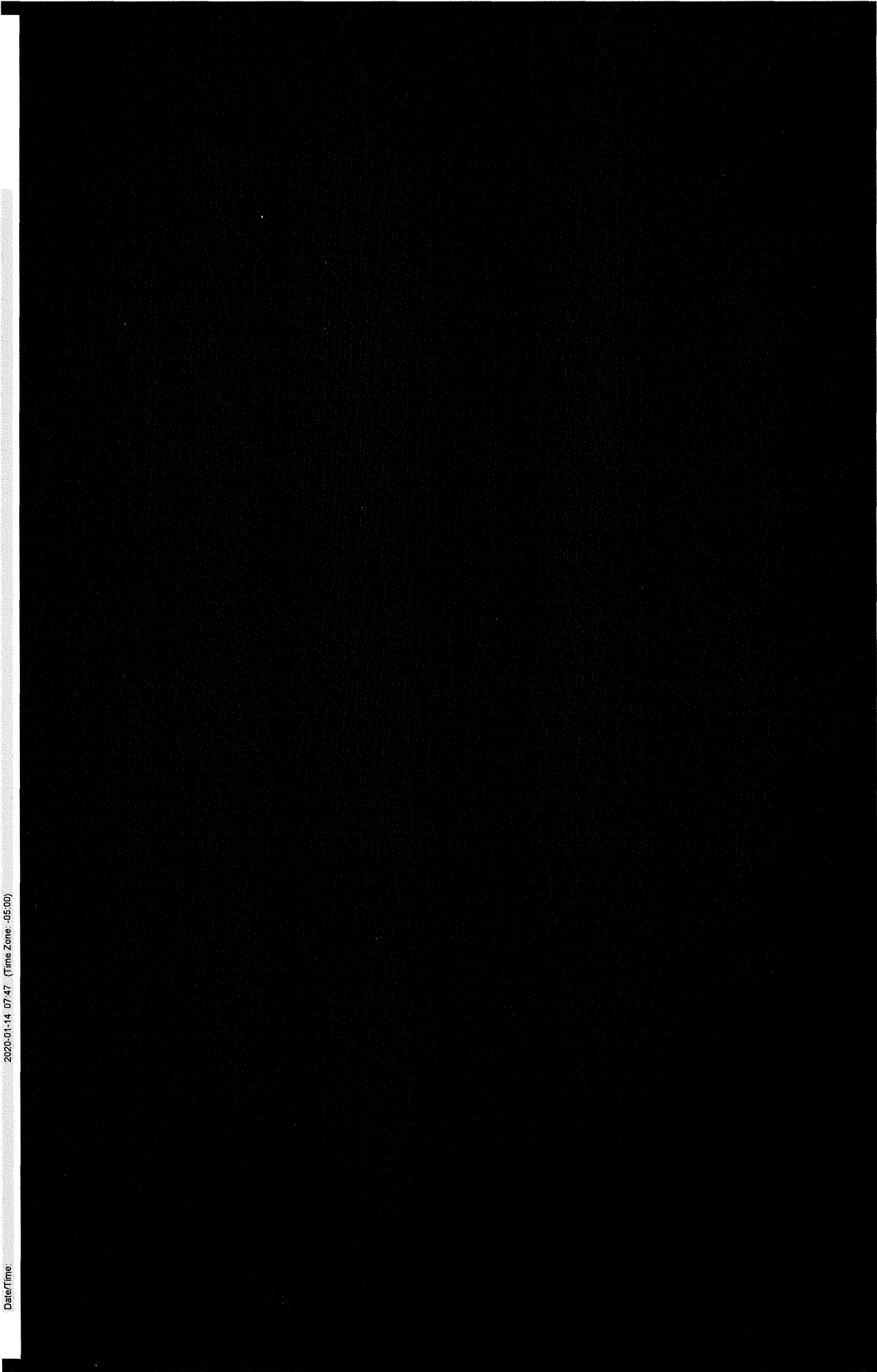
Attachments
 19BlackandDeckerWTFP12.pdf
 Name: 19126320
 Type: pdf
 Size: 19126320

Report Last Saved By
 BTR HAMPSTEAD, LLC
 User: AMYKLINE
 Name: Amy Kline
 E-Mail: akline@menv.com
 Date/Time: 2020-01-13 15:13 (Time Zone: -05:00)

Report Last Signed By
 User: JAYJANNEY
 Name: Jay Janney
 E-Mail: jjann@menv.com

Date/Time:

2020-01-14 07:47 (Time Zone: -05:00)



APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(OCTOBER - DECEMBER 2019)



October 28, 2019

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

Certificate of Analysis

Project Name:	BTR HAMPSTEAD WWTP	Workorder:	3063997
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 Tuesday, October 15, 2019.

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 Mrs. Vanessa N Badman (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.

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-WWWW
Data, Ms. Cheryl Griffin

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


Mrs. Vanessa N Badman
Project Coordinator

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

**SAMPLE SUMMARY**Workorder: 3063997 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3063997001	BTR 001	Waste Water	10/15/2019 09:01	10/15/2019 23:30	Collected by Client

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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

SAMPLE SUMMARYWorkorder: 3063997 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are 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

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




ANALYTICAL RESULTS

 Workorder: 3063997 BTR HAMPSTEAD WWTP

Lab ID:	3063997001	Date Collected:	10/15/2019 09:01	Matrix:	Waste Water
Sample ID:	BTR 001	Date Received:	10/15/2019 23:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Biochemical Oxygen Demand	3.4	1	mg/L	2.0	S5210B-11			10/16/19 14:50	MXO	A
Oil/Grease Hexane Extractable	ND		mg/L	3.8	EPA 1664B			10/17/19 08:00	C XK	C
Phosphorus, Total	0.14		mg/L	0.10	EPA 365.1	10/17/19 14:35	E1P	10/25/19 12:46	CTD	D
Total Suspended Solids	12		mg/L	5	S2540D-11			10/21/19 10:34	ZXW	A


 Mrs. Vanessa N Badman
 Project Coordinator

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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

**ANALYTICAL RESULTS**Workorder: 3063997 BTR HAMPSTEAD WWTP

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3063997001	1	BTR 001	S5210B-11	Biochemical Oxygen Demand

The QC sample type LCS for method S5210B-11 was outside the control limits for the analyte Biochemical Oxygen Demand. The % Recovery was reported as 84.2 and the control limits were 85 to 115.

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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



ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3063997 BTR HAMPSTEAD WWTP

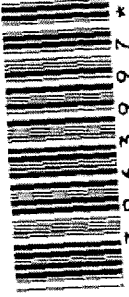
Lab ID	Sample ID	Analysis Method	Prep Method
3063997001	BTR 001	EPA 1664B	
3063997001	BTR 001	EPA 365.1	EPA 365.1
3063997001	BTR 001	S2540D-11	
3063997001	BTR 001	S5210B-11	

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CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8



Lab # AS Client Code _____
 Sampler Garnett Scheller / 2

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	10/15/19	0901	BOD	
BTR2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	10/15/19	0901	TP	
BTR3		Monthly Grab	250ml Amber Glass H2S04	WW	1	10/15/19	0901	Oil and Grease	
BTR4	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	10/15/19	0901	TSS	
Transferred by: <u>Bonnie & dmr</u> Received by: <u>[Signature]</u> Transferred by: <u>[Signature]</u> Received by: <u>[Signature]</u> Transferred by: <u>[Signature]</u> Received by: <u>REGIMON COURIER / ACS COURIER</u>									
						Cooler Receipt Information (LAB USE ONLY)			
						Sufficient ice? - Yes/No		If No, temp. = <u>1</u> <u>Y03</u>	
						Sample containers pres'd? - Yes/No		If No, explain	
						Custody Seal present/intact? - Yes/No			
						Initials:		Date:	

COMMON COURIER / ACS COURIER
[Signature] 10/15/19 ZATB
 2:30



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

Condition of Sample Receipt Form

Client: MES Work Order #: 3803997 Initials: EPH Date: 10/16/19

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

Cooler #: _____

Temperature (°C): 1 _____

Thermometer ID: 403 _____

Radiological (µCi): _____

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

Rev. 4/29/2019



October 18, 2019

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

Certificate of Analysis

Project Name:	BTR HAMPSTEAD WWTP	Workorder:	3063998
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, October 15, 2019.

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 Mrs. Vanessa N Badman (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.

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.*


Mrs. Vanessa N Badman
Project Coordinator

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**SAMPLE SUMMARY**Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3063998001	BTR 201	Water	10/15/2019 08:56	10/15/2019 23:30	Collected by Client
3063998002	BTR 201	Water	10/15/2019 08:56	10/15/2019 23:30	Collected by Client

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SAMPLE SUMMARY

Workorder: 3063998 BTR HAMPSTEAD WWTP

Notes

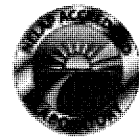
- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are 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

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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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

 Lab ID: **3063998001** Date Collected: 10/15/2019 08:56 Matrix: Water
 Sample ID: **BTR 201** Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	2.5	EPA 624.1			10/17/19 12:45	VLM	A
Acrylonitrile	ND		ug/L	5.0	EPA 624.1			10/17/19 12:45	VLM	A
Benzene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Bromodichloromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Bromoform	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Bromomethane	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
Chlorobenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Chloroethane	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
2-Chloroethylvinyl ether	ND		ug/L	5.0	EPA 624.1			10/17/19 12:45	VLM	A
Chloroform	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Chloromethane	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,2-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,3-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,4-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
cis-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
trans-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
Ethylbenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Methylene Chloride	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Tetrachloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Toluene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Trichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Trichlorofluoromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Vinyl Chloride	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	120		%	72 - 142	EPA 624.1			10/17/19 12:45	VLM	A

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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID: **3063998001** Date Collected: 10/15/2019 08:56 Matrix: Water
 Sample ID: **BTR 201** Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromofluorobenzene (S)	109		%	73 - 119	EPA 624.1			10/17/19 12:45	VLM	A
Dibromofluoromethane (S)	109		%	74 - 132	EPA 624.1			10/17/19 12:45	VLM	A
Toluene-d8 (S)	106		%	75 - 133	EPA 624.1			10/17/19 12:45	VLM	A

Vanessa N. Badman
 Mrs. Vanessa N Badman
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

 Lab ID: **3063998002** Date Collected: 10/15/2019 08:56 Matrix: Water
 Sample ID: **BTR 201** Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	2.5	EPA 624.1			10/17/19 13:08	VLM	A
Acrylonitrile	ND		ug/L	5.0	EPA 624.1			10/17/19 13:08	VLM	A
Benzene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Bromodichloromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Bromoform	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Bromomethane	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
Chlorobenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Chloroethane	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
2-Chloroethylvinyl ether	ND	1,2	ug/L	5.0	EPA 624.1			10/17/19 13:08	VLM	A
Chloroform	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Chloromethane	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,2-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,3-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,4-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
cis-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
trans-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
Ethylbenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Methylene Chloride	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Tetrachloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Toluene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Trichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Trichlorofluoromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Vinyl Chloride	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	122		%	72 - 142	EPA 624.1			10/17/19 13:08	VLM	A

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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID: **3063998002** Date Collected: 10/15/2019 08:56 Matrix: Water
 Sample ID: **BTR 201** Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromofluorobenzene (S)	108		%	73 - 119	EPA 624.1			10/17/19 13:08	VLM	A
Dibromofluoromethane (S)	109		%	74 - 132	EPA 624.1			10/17/19 13:08	VLM	A
Toluene-d8 (S)	110		%	75 - 133	EPA 624.1			10/17/19 13:08	VLM	A



Mrs. Vanessa N Badman
 Project Coordinator

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ANALYTICAL RESULTS

 Workorder: 3063998 BTR HAMPSTEAD WWTP

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3063998002	1	BTR 201	EPA 624.1	2-Chloroethylvinyl ether
The QC sample type MS for method EPA 624.1 was outside the control limits for the analyte 2-Chloroethylvinyl ether. The % Recovery was reported as 0 and the control limits were 20 to 305.				
3063998002	2	BTR 201	EPA 624.1	2-Chloroethylvinyl ether
The QC sample type MSD for method EPA 624.1 was outside the control limits for the analyte 2-Chloroethylvinyl ether. The % Recovery was reported as 0 and the control limits were 20 to 305.				

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Mexico: Monterrey

**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method
3063998001	BTR 201	EPA 624.1	
3063998002	BTR 201	EPA 624.1	

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

Condition of Sample Receipt Form

Client: MES Work Order #: 3003998 Initials: EP Date: 10/16/19

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

Cooler #: _____
 Temperature (°C): 0
 Thermometer ID: 403
 Radiological (µCi): _____

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

Rev. 4/29/2019



November 22, 2019

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

Certificate of Analysis

Project Name: BTR HAMPSTEAD WWTP	Workorder: 3067956
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, November 5, 2019.

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 Mrs. Vanessa N Badman (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.

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.


Mrs. Vanessa N Badman
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3067956 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3067956001	BTR 001	Waste Water	11/5/2019 09:12	11/5/2019 22:00	Collected by Client

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SAMPLE SUMMARY

Workorder: 3067956 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are 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

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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ANALYTICAL RESULTS

Workorder: 3067956 BTR HAMPSTEAD WWTP

Lab ID: **3067956001** Date Collected: 11/5/2019 09:12 Matrix: Waste Water
 Sample ID: **BTR 001** Date Received: 11/5/2019 22:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Biochemical Oxygen Demand	5.1	1	mg/L	2.0	S5210B-11			11/6/19 13:05	MXO	A
Oil/Grease Hexane Extractable	ND		mg/L	3.9	EPA 1664B			11/8/19 05:40	MPP	D
Phosphorus, Total	ND	2	mg/L	0.10	EPA 365.1	11/8/19 05:30	E1P	11/21/19 17:30	CTD	C
Total Suspended Solids	10		mg/L	5	S2540D-11			11/7/19 10:13	ZXW	A

Vanessa N. Badman
 Mrs. Vanessa N Badman
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3067956 BTR HAMPSTEAD WWTP

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3067956001	1	BTR 001	S5210B-11	Biochemical Oxygen Demand
The dilution water blank associated with this analyte had a dissolved oxygen depletion of 0.46 mg/l. Criteria states that the depletion should be at a maximum 0.2 mg/l				
3067956001	2	BTR 001	EPA 365.1	Phosphorus, Total
The QC sample type LCS for method EPA 365.1 was outside the control limits for the analyte Phosphorus, Total. The % Recovery was reported as 119 and the control limits were 90 to 110.				

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3067956 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method
3067956001	BTR 001	EPA 1664B	
3067956001	BTR 001	EPA 365.1	EPA 365.1
3067956001	BTR 001	S2540D-11	
3067956001	BTR 001	S5210B-11	

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CHAIN OF CUSTODY / SAMPLE INFORMATION FO

Maryland Environmental Service • 529 Naples Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8201



Lab # *AJ* Client Code *Client Code* Sampler *Garnett Scheller*

Project Name **BTR WWTP (Monthly)**

Project Number **593-9384-1700**

Sample Turnaround Time **KF 10/2017**

Client Name/Phone/FAX **Maryland Environmental Service**

Client Address

Invoice Address

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	11/5/19	0912	BOD
BTR2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	11/5/19	0912	TP
BTR3		Monthly Grab	1 Liter Glass H2S04	WW	1	11/5/19	0912	Oil and Grease
BTR4	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	11/5/19	0912	TSS
<p>Transferred by: <i>Darwin D. ...</i> Received by: <i>[Signature]</i> Date: <i>11/5/19</i> Time: <i>11:00</i></p> <p>Transferred by: <i>[Signature]</i> Received by: <i>[Signature]</i> Date: <i>11-5-19</i> Time: <i>1425</i></p> <p>Transferred by: <i>[Signature]</i> Received by: <i>[Signature]</i> Date: <i>11/5/19</i> Time: <i>1425</i></p>								

Initials: _____ Date: _____
 Sufficient ice? - Yes/No _____
 Sample containers preserved? - Yes/No _____
 Cooler Receipt Information (LAB USE ONLY)
 Custody Seal present/intact? - Yes/No _____

Common 11/5/19 2:00

Common

COMMON COURIER / ALS COURIER

100 *602*



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

Condition of Sample Receipt Form

Client: **MES** Work Order #: **3067956** Initials: **aw** Date: **11/6/19**

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

Cooler #: _____
 Temperature (°C): 1 _____
 Thermometer ID: 402 _____
 Radiological (µCi): _____

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

Rev. 4/29/2019





November 7, 2019

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

Certificate of Analysis

Project Name: BTR HAMPSTEAD WWTP	Workorder: 3067948
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, November 5, 2019.

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 Mrs. Vanessa N Badman (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.

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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

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


Mrs. Vanessa N Badman
Project Coordinator

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**SAMPLE SUMMARY**

Workorder: 3067948 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3067948001	BTR 201	Water	11/5/2019 09:08	11/5/2019 22:00	Collected by Client

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SAMPLE SUMMARYWorkorder: 3067948 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
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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ANALYTICAL RESULTS

Workorder: 3067948 BTR HAMPSTEAD WWTP

 Lab ID: **3067948001** Date Collected: 11/5/2019 09:08 Matrix: Water
 Sample ID: **BTR 201** Date Received: 11/5/2019 22:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	2.5	EPA 624.1			11/6/19 15:18	VLM	A
Acrylonitrile	ND		ug/L	5.0	EPA 624.1			11/6/19 15:18	VLM	A
Benzene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Bromodichloromethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Bromoform	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Bromomethane	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
Chlorobenzene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Chloroethane	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
2-Chloroethylvinyl ether	ND		ug/L	5.0	EPA 624.1			11/6/19 15:18	VLM	A
Chloroform	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Chloromethane	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
1,2-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
1,3-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
1,4-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
cis-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
trans-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
Ethylbenzene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Methylene Chloride	ND		ug/L	1.0	EPA 624.1			11/6/19 15:18	VLM	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Tetrachloroethene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Toluene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Trichloroethene	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Trichlorofluoromethane	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
Vinyl Chloride	ND		ug/L	0.50	EPA 624.1			11/6/19 15:18	VLM	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	94.6		%	72 - 142	EPA 624.1			11/6/19 15:18	VLM	A

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ANALYTICAL RESULTS

 Workorder: 3067948 BTR HAMPSTEAD WWTP

Lab ID:	3067948001	Date Collected:	11/5/2019 09:08	Matrix:	Water
Sample ID:	BTR 201	Date Received:	11/5/2019 22:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromofluorobenzene (S)	103		%	73 - 119	EPA 624.1			11/6/19 15:18	VLM	A
Dibromofluoromethane (S)	84.4		%	74 - 132	EPA 624.1			11/6/19 15:18	VLM	A
Toluene-d8 (S)	95		%	75 - 133	EPA 624.1			11/6/19 15:18	VLM	A


 Mrs. Vanessa N Badman
 Project Coordinator

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3067948 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method
3067948001	BTR 201	EPA 624.1	

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

Condition of Sample Receipt Form

Client: MES Work Order #: 3067948 Initials: qj Date: 11/6/19

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

Cooler #: _____

Temperature (°C): 2 _____

Thermometer ID: 402 _____

Radiological (µCi): _____

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

Rev. 4/29/2019



October 18, 2019

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

Certificate of Analysis

Project Name:	BTR HAMPSTEAD WWTP	Workorder:	3063998
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, October 15, 2019.

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 Mrs. Vanessa N Badman (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.

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

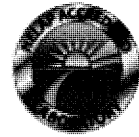
CC: Mr. William Herpel , Maryland Environmental Services-WWW
Data , Ms. Cheryl Griffin

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


Mrs. Vanessa N Badman
Project Coordinator

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**SAMPLE SUMMARY**Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3063998001	BTR 201	Water	10/15/2019 08:56	10/15/2019 23:30	Collected by Client
3063998002	BTR 201	Water	10/15/2019 08:56	10/15/2019 23:30	Collected by Client

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SAMPLE SUMMARYWorkorder: 3063998 BTR HAMPSTEAD WWTP

Notes

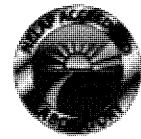
- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are 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

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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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

 Lab ID: **3063998001** Date Collected: 10/15/2019 08:56 Matrix: Water
 Sample ID: **BTR 201** Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	2.5	EPA 624.1			10/17/19 12:45	VLM	A
Acrylonitrile	ND		ug/L	5.0	EPA 624.1			10/17/19 12:45	VLM	A
Benzene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Bromodichloromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Bromoform	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Bromomethane	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
Chlorobenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Chloroethane	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
2-Chloroethylvinyl ether	ND		ug/L	5.0	EPA 624.1			10/17/19 12:45	VLM	A
Chloroform	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Chloromethane	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,2-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,3-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,4-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
cis-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
trans-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
Ethylbenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Methylene Chloride	ND		ug/L	1.0	EPA 624.1			10/17/19 12:45	VLM	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Tetrachloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Toluene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Trichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Trichlorofluoromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
Vinyl Chloride	ND		ug/L	0.50	EPA 624.1			10/17/19 12:45	VLM	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	120		%	72 - 142	EPA 624.1			10/17/19 12:45	VLM	A

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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID: **3063998001**

Date Collected: 10/15/2019 08:56

Matrix: Water

Sample ID: **BTR 201**

Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromofluorobenzene (S)	109		%	73 - 119	EPA 624.1			10/17/19 12:45	VLM	A
Dibromofluoromethane (S)	109		%	74 - 132	EPA 624.1			10/17/19 12:45	VLM	A
Toluene-d8 (S)	106		%	75 - 133	EPA 624.1			10/17/19 12:45	VLM	A



Mrs. Vanessa N Badman
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

 Lab ID: **3063998002** Date Collected: 10/15/2019 08:56 Matrix: Water
 Sample ID: **BTR 201** Date Received: 10/15/2019 23:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND		ug/L	2.5	EPA 624.1			10/17/19 13:08	VLM	A
Acrylonitrile	ND		ug/L	5.0	EPA 624.1			10/17/19 13:08	VLM	A
Benzene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Bromodichloromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Bromoform	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Bromomethane	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
Chlorobenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Chloroethane	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
2-Chloroethylvinyl ether	ND	1,2	ug/L	5.0	EPA 624.1			10/17/19 13:08	VLM	A
Chloroform	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Chloromethane	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,2-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,3-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,4-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
cis-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
trans-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
Ethylbenzene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Methylene Chloride	ND		ug/L	1.0	EPA 624.1			10/17/19 13:08	VLM	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Tetrachloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Toluene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Trichloroethene	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Trichlorofluoromethane	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
Vinyl Chloride	ND		ug/L	0.50	EPA 624.1			10/17/19 13:08	VLM	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	122		%	72 - 142	EPA 624.1			10/17/19 13:08	VLM	A

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ANALYTICAL RESULTS

 Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID: 3063998002	Date Collected: 10/15/2019 08:56	Matrix: Water
Sample ID: BTR 201	Date Received: 10/15/2019 23:30	

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromofluorobenzene (S)	108		%	73 - 119	EPA 624.1			10/17/19 13:08	VLM	A
Dibromofluoromethane (S)	109		%	74 - 132	EPA 624.1			10/17/19 13:08	VLM	A
Toluene-d8 (S)	110		%	75 - 133	EPA 624.1			10/17/19 13:08	VLM	A


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 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 3063998 BTR HAMPSTEAD WWTP

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3063998002	1	BTR 201	EPA 624.1	2-Chloroethylvinyl ether
The QC sample type MS for method EPA 624.1 was outside the control limits for the analyte 2-Chloroethylvinyl ether. The % Recovery was reported as 0 and the control limits were 20 to 305.				
3063998002	2	BTR 201	EPA 624.1	2-Chloroethylvinyl ether
The QC sample type MSD for method EPA 624.1 was outside the control limits for the analyte 2-Chloroethylvinyl ether. The % Recovery was reported as 0 and the control limits were 20 to 305.				

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3063998 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method
3063998001	BTR 201	EPA 624.1	
3063998002	BTR 201	EPA 624.1	

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

Condition of Sample Receipt Form

Client: MES Work Order #: 2003998 Initials: EM Date: 10/16/19

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

Cooler #: _____
 Temperature (°C): 0
 Thermometer ID: 403
 Radiological (µCi): _____

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

Rev. 4/29/2019





December 31, 2019

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

Certificate of Analysis

Project Name:	BTR HAMPSTEAD WWTP	Workorder:	3077517
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 Tuesday, December 24, 2019.

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 Mrs. Vanessa N Badman (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.

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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

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


Mrs. Vanessa N Badman
Project Coordinator

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**SAMPLE SUMMARY**Workorder: 3077517 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3077517001	BTR 001	Waste Water	12/24/2019 09:06	12/24/2019 18:00	Collected by Client

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SAMPLE SUMMARYWorkorder: 3077517 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are 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

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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ANALYTICAL RESULTS

 Workorder: 3077517 BTR HAMPSTEAD WWTP

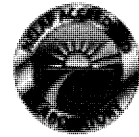
Lab ID: 3077517001	Date Collected: 12/24/2019 09:06	Matrix: Waste Water
Sample ID: BTR 001	Date Received: 12/24/2019 18:00	

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Biochemical Oxygen Demand	3.8	1	mg/L	2.0	S5210B-11			12/25/19 10:15	MXO	A
Oil/Grease Hexane Extractable	ND		mg/L	3.8	EPA 1664B			12/27/19 08:45	CXK	D
Phosphorus, Total	ND		mg/L	0.10	EPA 365.1	12/27/19 06:00	E1P	12/31/19 14:45	CTD	C
Total Suspended Solids	ND		mg/L	5	S2540D-11			12/30/19 14:12	ZXW	A


 Mrs. Vanessa N Badman
 Project Coordinator

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**ANALYTICAL RESULTS**Workorder: 3077517 BTR HAMPSTEAD WWTP

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3077517001	1	BTR 001	S5210B-11	Biochemical Oxygen Demand

The dilution water blank associated with this analyte had a dissolved oxygen depletion of 0.37 mg/l. Criteria states that the depletion should be at a maximum 0.2 mg/l

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ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3077517 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method
3077517001	BTR 001	EPA 1664B	
3077517001	BTR 001	EPA 365.1	EPA 365.1
3077517001	BTR 001	S2540D-11	
3077517001	BTR 001	S5210B-11	

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CHAIN OF CUSTODY / SAMPLE INFORMATION FOR

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

Lab # _____ Client Code _____

Sampler *Garnett Scheller*



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	12/21/19	0906	BOD
BTR2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	12/21/19	0906	TP
BTR3		Monthly Grab	1 Liter Glass H2S04	WW	1	12/21/19	0906	Oil and Grease
BTR4	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	12/21/19	0906	TSS
<p>Transferred by: <i>Sandra Scheller</i> Received by: <i>J. Lyle</i> Date: 12/21/19 Time: 10:40</p> <p>Transferred by: <i>J. Lyle</i> Received by: <i>Amber</i> Date: 12/21/19 Time: 17:01</p> <p>Transferred by: <i>Amber</i> Received by: _____ Date: _____ Time: _____</p>								

Cooler Receipt Information (LAB USE ONLY)
 Sufficient ice? - Yes/No If No, temp. = _____
 Sample containers present? - Yes/No If No, explain _____
 Custody Seal present/intact? - Yes/No _____

Initials: _____ Date: _____

COM *12/21/19 1800*

3°C 368

60



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

Condition of Sample Receipt Form

Client: MES Work Order #: 3077517 Initials: QU Date: 12/26/19

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?..... 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? N/A 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)?..... N/A YES NO
11. Were the samples received on ice?..... YES NO
12. Were sample temperatures measured at 0.0-6.0°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?..... 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): 3 _____

Thermometer ID: 318 _____

Radiological (µCi): _____

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

Rev. 4/29/2019



December 30, 2019

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

Certificate of Analysis

Project Name:	BTR HAMPSTEAD WWTP	Workorder:	3077472
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 Tuesday, December 24, 2019.

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 Mrs. Vanessa N Badman (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.

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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

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must be retained as a permanent record thereof.*


Mrs. Vanessa N Badman
Project Coordinator

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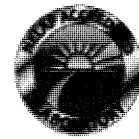
SAMPLE SUMMARY

Workorder: 3077472 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3077472001	BTR 201	Water	12/24/2019 09:01	12/24/2019 18:00	Collected by Client

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**SAMPLE SUMMARY**Workorder: 3077472 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 analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are 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

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

ANALYTICAL RESULTS

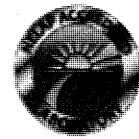
Workorder: 3077472 BTR HAMPSTEAD WWTP

Lab ID: **3077472001** Date Collected: 12/24/2019 09:01 Matrix: Water
 Sample ID: **BTR 201** Date Received: 12/24/2019 18:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acrolein	ND	1	ug/L	2.5	EPA 624.1			12/26/19 22:40	PDK	C
Acrylonitrile	ND		ug/L	5.0	EPA 624.1			12/26/19 22:40	PDK	C
Benzene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Bromodichloromethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Bromoform	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Bromomethane	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
Carbon Tetrachloride	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
Chlorobenzene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Chlorodibromomethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Chloroethane	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
2-Chloroethylvinyl ether	ND		ug/L	5.0	EPA 624.1			12/26/19 22:40	PDK	C
Chloroform	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Chloromethane	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
1,2-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
1,3-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
1,4-Dichlorobenzene	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
1,1-Dichloroethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
1,2-Dichloroethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
1,1-Dichloroethene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
1,2-Dichloropropane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
cis-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
trans-1,3-Dichloropropene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
Ethylbenzene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Methylene Chloride	ND		ug/L	1.0	EPA 624.1			12/26/19 22:40	PDK	C
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Tetrachloroethene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Toluene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Trichloroethene	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Trichlorofluoromethane	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
Vinyl Chloride	ND		ug/L	0.50	EPA 624.1			12/26/19 22:40	PDK	C
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichloroethane-d4 (S)	89		%	72 - 142	EPA 624.1			12/26/19 22:40	PDK	C

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ANALYTICAL RESULTS

 Workorder: 3077472 BTR HAMPSTEAD WWTP

 Lab ID: **3077472001**

Date Collected: 12/24/2019 09:01

Matrix: Water

 Sample ID: **BTR 201**

Date Received: 12/24/2019 18:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Bromofluorobenzene (S)	99.2		%	73 - 119	EPA 624.1			12/26/19 22:40	PDK	C
Dibromofluoromethane (S)	88.3		%	74 - 132	EPA 624.1			12/26/19 22:40	PDK	C
Toluene-d8 (S)	94.8		%	75 - 133	EPA 624.1			12/26/19 22:40	PDK	C



Mrs. Vanessa N Badman

Project Coordinator

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**ANALYTICAL RESULTS**Workorder: 3077472 BTR HAMPSTEAD WWTP

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3077472001	1	BTR 201	EPA 624.1	Acrolein

In the 624 analysis, the incorrect preservative was used for this compound. The results may be biased.

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NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: PJ LA 74618
State Certifications: FL E 871113, WA C 999, MD 128, VA 460157, WV DW 9961-C, WV 343

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3077472 BTR HAMPSTEAD WWTP

Lab ID	Sample ID	Analysis Method	Prep Method
3077472001	BTR 201	EPA 624.1	

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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301 Fulling Mill Road
 Middletown, PA 17057
 P: (717) 944-5541
 F: (717) 944-1430

Condition of Sample Receipt Form

Client: MES Work Order #: 3077472 Initials: RU Date: 12/26/19

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

Cooler #: _____

Temperature (°C): 6 _____

Thermometer ID: 318 _____

Radiological (µCi): _____

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

**APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(NOVEMBER 2019)**



Environment Testing
TestAmerica

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ANALYTICAL REPORT

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

Laboratory Job ID: 500-173415-1
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:
11/25/2019 5:51:37 PM

Jodie Bracken, Project Management Assistant II
jodie.bracken@testamericainc.com

Designee for

Richard Wright, Senior Project Manager
(708)534-5200
richard.wright@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 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: 500-173415-1

Job ID: 500-173415-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-173415-1

Receipt

The samples were received on 11/13/2019 9:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.7° C.

GC/MS VOA

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 516235 were outside control limits several analytes. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recoveries for Acetone and Chloromethane were biased high while the rest of the analytes were within acceptance limits.

Method 8260B: The laboratory control sample (LCS) for 479910 recovered outside control limits for the following analyte: Chloromethane and Acetone. This analyte was biased high in the LCS. Chloromethane was not detected in the associated samples while Acetone was below the reporting limit; therefore, the data have been reported.

Method 8260B: <Acetone was detected in the following samples: EW-4 (500-173415-3), RFW-6 (500-173415-19), RFW-7 (500-173415-20), RFW-9 (500-173415-21), RFW-11B (500-173415-22), RFW-13 (500-173415-24) and RFW-17 (500-173415-25). 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 method blank for analytical batch 516235 contained Naphthalene above the Method detection limit (MDL) but below reporting limit (RL). Naphthalene was non-detect in the samples; therefore, no re-analysis was done and the data has been reported.

Method 8260B: The method blank for 516286 contained 1,2,4-Trichlorobenzene, n-Butylbenzene, Naphthalene, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene above the method detection limit (MDL) and below the reporting limit(RL). These target analytes concentrations were below the reporting limit(RL) in the samples; therefore, re-analysis of samples was not performed. 1,2,4-Trichlorobenzene, n-Butylbenzene, Naphthalene, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene results have been flagged in the associated samples with a "B" flag denote the presence in the blank and possible lab contamination.

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



Detection Summary

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

Job ID: 500-173415-1

Client Sample ID: EW-2

Lab Sample ID: 500-173415-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	110		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	43		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-3

Lab Sample ID: 500-173415-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	16		0.50	0.16	ug/L	1		8260B	Total/NA
Toluene	0.16	J	0.50	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.42	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4

Lab Sample ID: 500-173415-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J*	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	9.2		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.58	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-5

Lab Sample ID: 500-173415-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	88		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.5		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-6

Lab Sample ID: 500-173415-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.39	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	3.1		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7

Lab Sample ID: 500-173415-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.4		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8

Lab Sample ID: 500-173415-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	26		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	5.4		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	45		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9

Lab Sample ID: 500-173415-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.26	J	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	98		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-173415-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	97		1.0	0.37	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: 500-173415-1

Client Sample ID: EW-10

Lab Sample ID: 500-173415-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.6		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-1A

Lab Sample ID: 500-173415-11

No Detections.

Client Sample ID: RFW-1B

Lab Sample ID: 500-173415-12

No Detections.

Client Sample ID: RFW-2A

Lab Sample ID: 500-173415-13

No Detections.

Client Sample ID: RFW-2B

Lab Sample ID: 500-173415-14

No Detections.

Client Sample ID: RFW-3B

Lab Sample ID: 500-173415-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.46	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A

Lab Sample ID: 500-173415-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.76	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	0.53	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	24		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	19		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-173415-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.68	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	0.52	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	24		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	19		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4B

Lab Sample ID: 500-173415-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.6		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	57		0.50	0.16	ug/L	1		8260B	Total/NA
Toluene	0.16	J	0.50	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	68		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-6

Lab Sample ID: 500-173415-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	0.48	J	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.81	J	1.0	0.37	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.61	J B	1.0	0.36	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins TestAmerica, Chicago

Detection Summary

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

Job ID: 500-173415-1

Client Sample ID: RFW-7

Lab Sample ID: 500-173415-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.8	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	0.43	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-9

Lab Sample ID: 500-173415-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J	10	1.7	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.5		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	2.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.5		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-11B

Lab Sample ID: 500-173415-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J	10	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	0.78		0.50	0.16	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.57	J B	1.0	0.25	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-12B

Lab Sample ID: 500-173415-23

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
Trichloroethene	68		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.7		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-13

Lab Sample ID: 500-173415-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.47	J	2.0	0.45	ug/L	1		8260B	Total/NA
Acetone	2.2	J	10	1.7	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.3		1.0	0.35	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.2		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.1		1.0	0.37	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.61	J B	1.0	0.36	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-17

Lab Sample ID: 500-173415-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J	10	1.7	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-173415-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Styrene	0.47	J	1.0	0.39	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.58	J B	1.0	0.25	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.62	J B	1.0	0.36	ug/L	1		8260B	Total/NA
Naphthalene	0.67	J B	1.0	0.34	ug/L	1		8260B	Total/NA

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: 500-170415-1

Method	Method Description	Protocol	Laboratory
8260B	VOC	SW846	TAL CHI
8090B	Purge and Trap	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1993 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: 500-173415-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-173415-1	EW-2	Water	11/12/19 07:00	11/13/19 09:55	
500-173415-2	EW-3	Water	11/12/19 11:30	11/13/19 09:55	
500-173415-3	EW-4	Water	11/12/19 11:45	11/13/19 09:55	
500-173415-4	EW-5	Water	11/12/19 12:00	11/13/19 09:55	
500-173415-5	EW-6	Water	11/11/19 11:55	11/13/19 09:55	
500-173415-6	EW-7	Water	11/11/19 11:50	11/13/19 09:55	
500-173415-7	EW-8	Water	11/11/19 11:45	11/13/19 09:55	
500-173415-8	EW-9	Water	11/11/19 11:40	11/13/19 09:55	
500-173415-9	EW-9 DUP	Water	11/11/19 11:40	11/13/19 09:55	
500-173415-10	EW-10	Water	11/11/19 11:30	11/13/19 09:55	
500-173415-11	RFW-1A	Water	11/11/19 10:45	11/13/19 09:55	
500-173415-12	RFW-1B	Water	11/11/19 11:00	11/13/19 09:55	
500-173415-13	RFW-2A	Water	11/11/19 09:55	11/13/19 09:55	
500-173415-14	RFW-2B	Water	11/11/19 10:00	11/13/19 09:55	
500-173415-15	RFW-3B	Water	11/11/19 12:00	11/13/19 09:55	
500-173415-16	RFW-4A	Water	11/12/19 09:50	11/13/19 09:55	
500-173415-17	RFW-4A DUP	Water	11/12/19 09:50	11/13/19 09:55	
500-173415-18	RFW-4B	Water	11/12/19 09:00	11/13/19 09:55	
500-173415-19	RFW-6	Water	11/11/19 15:20	11/13/19 09:55	
500-173415-20	RFW-7	Water	11/11/19 13:10	11/13/19 09:55	
500-173415-21	RFW-9	Water	11/12/19 11:50	11/13/19 09:55	
500-173415-22	RFW-11B	Water	11/12/19 11:00	11/13/19 09:55	
500-173415-23	RFW-12B	Water	11/12/19 07:50	11/13/19 09:55	
500-173415-24	RFW-13	Water	11/11/19 16:15	11/13/19 09:55	
500-173415-25	RFW-17	Water	11/11/19 14:15	11/13/19 09:55	
500-173415-26	Trip Blank	Water	11/11/19 07:00	11/13/19 09:55	



Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-2

Lab Sample ID: 500-173415-1

Date Collected: 11/12/19 07:30

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/19/19 23:17	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/19/19 23:17	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/19/19 23:17	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/19/19 23:17	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/19/19 23:17	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/19/19 23:17	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/19/19 23:17	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/19/19 23:17	1
Acetone	<10	*	10	1.7	ug/L			11/19/19 23:17	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/19/19 23:17	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/19/19 23:17	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/19/19 23:17	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/19/19 23:17	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/19/19 23:17	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/19/19 23:17	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/19/19 23:17	1
Chloroform	<2.0		2.0	0.37	ug/L			11/19/19 23:17	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/19/19 23:17	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/19/19 23:17	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/19/19 23:17	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
Trichloroethene	110		0.50	0.16	ug/L			11/19/19 23:17	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/19/19 23:17	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/19/19 23:17	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/19/19 23:17	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/19/19 23:17	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/19/19 23:17	1
Toluene	<0.50		0.50	0.15	ug/L			11/19/19 23:17	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/19/19 23:17	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/19/19 23:17	1
Tetrachloroethene	43		1.0	0.37	ug/L			11/19/19 23:17	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/19/19 23:17	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/19/19 23:17	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/19/19 23:17	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/19/19 23:17	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/19/19 23:17	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/19/19 23:17	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/19/19 23:17	1
Styrene	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
Bromoform	<1.0		1.0	0.48	ug/L			11/19/19 23:17	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:17	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/19/19 23:17	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/19/19 23:17	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/19/19 23:17	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/19/19 23:17	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-2

Lab Sample ID: 500-173415-1

Date Collected: 11/12/19 07:30

Matrix: Water

Date Received: 11/13/19 09:55

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			11/19/19 23:17	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/19/19 23:17	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:17	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:17	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:17	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:17	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/19/19 23:17	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:17	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:17	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/19/19 23:17	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/19/19 23:17	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/19/19 23:17	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/19/19 23:17	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/19/19 23:17	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/19/19 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 126					11/19/19 23:17	1
Toluene-d8 (Surr)	98		75 - 120					11/19/19 23:17	1
4-Bromofluorobenzene (Surr)	97		72 - 124					11/19/19 23:17	1
Dibromofluoromethane	101		75 - 120					11/19/19 23:17	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-3

Lab Sample ID: 500-173415-2

Date Collected: 11/12/19 11:30

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/19/19 23:43	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/19/19 23:43	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/19/19 23:43	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/19/19 23:43	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/19/19 23:43	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/19/19 23:43	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/19/19 23:43	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/19/19 23:43	1
Acetone	<10	*	10	1.7	ug/L			11/19/19 23:43	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/19/19 23:43	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/19/19 23:43	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/19/19 23:43	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/19/19 23:43	1
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L			11/19/19 23:43	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/19/19 23:43	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/19/19 23:43	1
Chloroform	<2.0		2.0	0.37	ug/L			11/19/19 23:43	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/19/19 23:43	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/19/19 23:43	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/19/19 23:43	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
Trichloroethene	16		0.50	0.16	ug/L			11/19/19 23:43	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/19/19 23:43	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/19/19 23:43	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/19/19 23:43	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/19/19 23:43	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/19/19 23:43	1
Toluene	0.16	J	0.50	0.15	ug/L			11/19/19 23:43	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/19/19 23:43	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/19/19 23:43	1
Tetrachloroethene	0.42	J	1.0	0.37	ug/L			11/19/19 23:43	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/19/19 23:43	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/19/19 23:43	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/19/19 23:43	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/19/19 23:43	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/19/19 23:43	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/19/19 23:43	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/19/19 23:43	1
Styrene	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
Bromoform	<1.0		1.0	0.48	ug/L			11/19/19 23:43	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:43	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/19/19 23:43	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/19/19 23:43	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/19/19 23:43	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/19/19 23:43	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-3

Lab Sample ID: 500-173415-2

Date Collected: 11/12/19 11:30

Matrix: Water

Date Received: 11/13/19 09:55

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			11/19/19 23:43	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/19/19 23:43	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:43	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:43	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:43	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:43	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/19/19 23:43	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:43	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:43	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/19/19 23:43	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/19/19 23:43	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/19/19 23:43	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/19/19 23:43	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/19/19 23:43	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/19/19 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 126					11/19/19 23:43	1
Toluene-d8 (Surr)	100		75 - 120					11/19/19 23:43	1
4-Bromofluorobenzene (Surr)	100		72 - 124					11/19/19 23:43	1
Dibromofluoromethane	98		75 - 120					11/19/19 23:43	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-4

Lab Sample ID: 500-173415-3

Date Collected: 11/12/19 11:45

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 00:09	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 00:09	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 00:09	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 00:09	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 00:09	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 00:09	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 00:09	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 00:09	1
Acetone	1.9	J *	10	1.7	ug/L			11/20/19 00:09	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 00:09	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 00:09	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 00:09	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 00:09	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 00:09	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 00:09	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 00:09	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 00:09	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 00:09	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 00:09	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 00:09	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
Trichloroethene	9.2		0.50	0.16	ug/L			11/20/19 00:09	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 00:09	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 00:09	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 00:09	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 00:09	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 00:09	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 00:09	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 00:09	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 00:09	1
Tetrachloroethene	0.58	J	1.0	0.37	ug/L			11/20/19 00:09	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 00:09	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 00:09	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 00:09	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 00:09	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 00:09	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 00:09	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 00:09	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 00:09	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 00:09	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 00:09	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 00:09	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 00:09	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-4

Lab Sample ID: 500-173415-3

Date Collected: 11/12/19 11:45

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 00:09	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 00:09	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:09	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:09	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:09	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:09	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 00:09	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:09	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:09	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 00:09	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 00:09	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 00:09	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 00:09	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 00:09	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		75 - 126					11/20/19 00:09	1
Toluene-d8 (Surr)	104		75 - 120					11/20/19 00:09	1
4-Bromofluorobenzene (Surr)	102		72 - 124					11/20/19 00:09	1
Dibromofluoromethane	106		75 - 120					11/20/19 00:09	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-5

Lab Sample ID: 500-173415-4

Date Collected: 11/12/19 12:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 00:35	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 00:35	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 00:35	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 00:35	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 00:35	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 00:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 00:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 00:35	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 00:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 00:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 00:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 00:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 00:35	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 00:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 00:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 00:35	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 00:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 00:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 00:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 00:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
Trichloroethene	88		0.50	0.16	ug/L			11/20/19 00:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 00:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 00:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 00:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 00:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 00:35	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 00:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 00:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 00:35	1
Tetrachloroethene	2.5		1.0	0.37	ug/L			11/20/19 00:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 00:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 00:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 00:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 00:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 00:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 00:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 00:35	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 00:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:35	1
1,1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 00:35	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 00:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 00:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 00:35	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-173415-4

Client Sample ID: EW-5

Lab Sample ID: 500-173415-4

Date Collected: 11/12/19 12:00

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 00:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 00:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 00:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 00:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 00:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 00:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 00:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 00:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		11/20/19 00:35	1
Toluene-d8 (Surr)	98		75 - 120		11/20/19 00:35	1
4-Bromofluorobenzene (Surr)	103		72 - 124		11/20/19 00:35	1
Dibromofluoromethane	102		75 - 120		11/20/19 00:35	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-6

Lab Sample ID: 500-173415-5

Date Collected: 11/11/19 11:55

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 01:01	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 01:01	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 01:01	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 01:01	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 01:01	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 01:01	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:01	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 01:01	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 01:01	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 01:01	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 01:01	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 01:01	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 01:01	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 01:01	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 01:01	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:01	1
Chloroform	0.39	J	2.0	0.37	ug/L			11/20/19 01:01	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 01:01	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 01:01	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 01:01	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
Trichloroethene	3.1		0.50	0.16	ug/L			11/20/19 01:01	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 01:01	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 01:01	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 01:01	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 01:01	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 01:01	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 01:01	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 01:01	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 01:01	1
Tetrachloroethene	6.2		1.0	0.37	ug/L			11/20/19 01:01	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 01:01	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 01:01	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 01:01	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 01:01	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 01:01	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 01:01	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 01:01	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 01:01	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:01	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 01:01	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 01:01	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 01:01	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 01:01	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-6

Lab Sample ID: 500-173415-5

Date Collected: 11/11/19 11:55

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 01:01	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 01:01	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:01	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:01	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:01	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:01	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 01:01	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:01	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:01	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 01:01	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 01:01	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 01:01	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 01:01	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 01:01	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 126					11/20/19 01:01	1
Toluene-d8 (Surr)	99		75 - 120					11/20/19 01:01	1
4-Bromofluorobenzene (Surr)	101		72 - 124					11/20/19 01:01	1
Dibromofluoromethane	102		75 - 120					11/20/19 01:01	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-7

Lab Sample ID: 500-173415-6

Date Collected: 11/11/19 11:50

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 01:27	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 01:27	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 01:27	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 01:27	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 01:27	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 01:27	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:27	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 01:27	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 01:27	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 01:27	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 01:27	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 01:27	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 01:27	1
cis-1,2-Dichloroethene	2.5		1.0	0.41	ug/L			11/20/19 01:27	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 01:27	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:27	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 01:27	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 01:27	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 01:27	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 01:27	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
Trichloroethene	1.8		0.50	0.16	ug/L			11/20/19 01:27	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 01:27	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 01:27	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 01:27	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 01:27	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 01:27	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 01:27	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 01:27	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 01:27	1
Tetrachloroethene	4.4		1.0	0.37	ug/L			11/20/19 01:27	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 01:27	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 01:27	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 01:27	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 01:27	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 01:27	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 01:27	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 01:27	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 01:27	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:27	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 01:27	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 01:27	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 01:27	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 01:27	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-7

Lab Sample ID: 500-173415-6

Date Collected: 11/11/19 11:50

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 01:27	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 01:27	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:27	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:27	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:27	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:27	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 01:27	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:27	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:27	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 01:27	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 01:27	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 01:27	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 01:27	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 01:27	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		75 - 126					11/20/19 01:27	1
Toluene-d8 (Surr)	99		75 - 120					11/20/19 01:27	1
4-Bromofluorobenzene (Surr)	105		72 - 124					11/20/19 01:27	1
Dibromofluoromethane	103		75 - 120					11/20/19 01:27	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-8

Lab Sample ID: 500-173415-7

Date Collected: 11/11/19 11:45

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 01:53	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 01:53	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 01:53	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 01:53	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 01:53	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 01:53	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:53	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 01:53	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 01:53	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 01:53	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 01:53	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 01:53	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 01:53	1
cis-1,2-Dichloroethene	26		1.0	0.41	ug/L			11/20/19 01:53	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 01:53	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:53	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 01:53	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 01:53	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 01:53	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 01:53	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
Trichloroethene	5.4		0.50	0.16	ug/L			11/20/19 01:53	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 01:53	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 01:53	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 01:53	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 01:53	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 01:53	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 01:53	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 01:53	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 01:53	1
Tetrachloroethene	45		1.0	0.37	ug/L			11/20/19 01:53	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 01:53	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 01:53	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 01:53	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 01:53	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 01:53	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 01:53	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 01:53	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 01:53	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:53	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 01:53	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 01:53	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 01:53	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 01:53	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-8

Lab Sample ID: 500-173415-7

Date Collected: 11/11/19 11:45

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 01:53	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 01:53	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:53	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:53	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:53	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:53	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 01:53	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:53	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:53	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 01:53	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 01:53	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 01:53	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 01:53	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 01:53	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		11/20/19 01:53	1
Toluene-d8 (Surr)	99		75 - 120		11/20/19 01:53	1
4-Bromofluorobenzene (Surr)	102		72 - 124		11/20/19 01:53	1
Dibromofluoromethane	104		75 - 120		11/20/19 01:53	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-9

Lab Sample ID: 500-173415-8

Date Collected: 11/11/19 11:40

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 02:19	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 02:19	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 02:19	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 02:19	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 02:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 02:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 02:19	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 02:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 02:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 02:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 02:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 02:19	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 02:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 02:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:19	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 02:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 02:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 02:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 02:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
Trichloroethene	0.26	J	0.50	0.16	ug/L			11/20/19 02:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 02:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 02:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 02:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 02:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 02:19	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 02:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 02:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 02:19	1
Tetrachloroethene	98		1.0	0.37	ug/L			11/20/19 02:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 02:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 02:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 02:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 02:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 02:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 02:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 02:19	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 02:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 02:19	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 02:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 02:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 02:19	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-9

Lab Sample ID: 500-173415-8

Date Collected: 11/11/19 11:40

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 02:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 02:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 02:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 02:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 02:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 02:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 02:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 02:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		75 - 126		11/20/19 02:19	1
Toluene-d8 (Surr)	99		75 - 120		11/20/19 02:19	1
4-Bromofluorobenzene (Surr)	101		72 - 124		11/20/19 02:19	1
Dibromofluoromethane	103		75 - 120		11/20/19 02:19	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-173415-9

Date Collected: 11/11/19 11:40

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 02:45	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 02:45	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 02:45	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 02:45	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 02:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 02:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 02:45	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 02:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 02:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 02:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 02:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 02:45	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 02:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 02:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:45	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 02:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 02:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 02:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 02:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 02:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 02:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 02:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 02:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 02:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 02:45	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 02:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 02:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 02:45	1
Tetrachloroethene	97		1.0	0.37	ug/L			11/20/19 02:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 02:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 02:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 02:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 02:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 02:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 02:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 02:45	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 02:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 02:45	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 02:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 02:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 02:45	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-173415-9

Date Collected: 11/11/19 11:40

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.27	ug/L			11/20/19 02:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 02:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 02:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 02:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 02:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 02:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 02:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 02:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 126					11/20/19 02:45	1
Toluene-d8 (Surr)	100		75 - 120					11/20/19 02:45	1
4-Bromofluorobenzene (Surr)	101		72 - 124					11/20/19 02:45	1
Dibromofluoromethane	102		75 - 120					11/20/19 02:45	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-10

Lab Sample ID: 500-173415-10

Date Collected: 11/11/19 11:30

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 03:11	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 03:11	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 03:11	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 03:11	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 03:11	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 03:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 03:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 03:11	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 03:11	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 03:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 03:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 03:11	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 03:11	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 03:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 03:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 03:11	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 03:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 03:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 03:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 03:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 03:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 03:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 03:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 03:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 03:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 03:11	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 03:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 03:11	1
Tetrachloroethene	6.6		1.0	0.37	ug/L			11/20/19 03:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 03:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 03:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 03:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 03:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 03:11	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 03:11	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 03:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 03:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 03:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 03:11	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: EW-10

Lab Sample ID: 500-173415-10

Date Collected: 11/11/19 11:30

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 03:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 03:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 03:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 03:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 03:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 03:11	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 03:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		75 - 126					11/20/19 03:11	1
Toluene-d8 (Surr)	103		75 - 120					11/20/19 03:11	1
4-Bromofluorobenzene (Surr)	110		72 - 124					11/20/19 03:11	1
Dibromofluoromethane	105		75 - 120					11/20/19 03:11	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-1A

Lab Sample ID: 500-173415-11

Date Collected: 11/11/19 10:45

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/21/19 11:29	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/21/19 11:29	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/21/19 11:29	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/21/19 11:29	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/21/19 11:29	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/21/19 11:29	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/21/19 11:29	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/21/19 11:29	1
Acetone	<10		10	1.7	ug/L			11/21/19 11:29	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/21/19 11:29	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/21/19 11:29	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/21/19 11:29	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/21/19 11:29	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/21/19 11:29	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/21/19 11:29	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/21/19 11:29	1
Chloroform	<2.0		2.0	0.37	ug/L			11/21/19 11:29	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/21/19 11:29	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/21/19 11:29	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/21/19 11:29	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/21/19 11:29	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/21/19 11:29	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/21/19 11:29	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/21/19 11:29	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/21/19 11:29	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/21/19 11:29	1
Toluene	<0.50		0.50	0.15	ug/L			11/21/19 11:29	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/21/19 11:29	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/21/19 11:29	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/21/19 11:29	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/21/19 11:29	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/21/19 11:29	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/21/19 11:29	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/21/19 11:29	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/21/19 11:29	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/21/19 11:29	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/21/19 11:29	1
Styrene	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
Bromoform	<1.0		1.0	0.48	ug/L			11/21/19 11:29	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/21/19 11:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/21/19 11:29	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/21/19 11:29	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/21/19 11:29	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/21/19 11:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-1A

Lab Sample ID: 500-173415-11

Date Collected: 11/11/19 10:45

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Tri-methylbenzene	<1.0		1.0	0.25	ug/L			11/21/19 11:29	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/21/19 11:29	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/21/19 11:29	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/21/19 11:29	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/21/19 11:29	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/21/19 11:29	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/21/19 11:29	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/21/19 11:29	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/21/19 11:29	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/21/19 11:29	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/21/19 11:29	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/21/19 11:29	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/21/19 11:29	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/21/19 11:29	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/21/19 11:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 126					11/21/19 11:29	1
Toluene-d8 (Surr)	96		75 - 120					11/21/19 11:29	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/21/19 11:29	1
Dibromofluoromethane	90		75 - 120					11/21/19 11:29	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-1B

Lab Sample ID: 500-173415-12

Date Collected: 11/11/19 11:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8250B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 04:03	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 04:03	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 04:03	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 04:03	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 04:03	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 04:03	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:03	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 04:03	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 04:03	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 04:03	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 04:03	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 04:03	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 04:03	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 04:03	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 04:03	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:03	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 04:03	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 04:03	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 04:03	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 04:03	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 04:03	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 04:03	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 04:03	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 04:03	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 04:03	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 04:03	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 04:03	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 04:03	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 04:03	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 04:03	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 04:03	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 04:03	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 04:03	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 04:03	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 04:03	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 04:03	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 04:03	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 04:03	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:03	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 04:03	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 04:03	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 04:03	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 04:03	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-1B

Lab Sample ID: 500-173415-12

Date Collected: 11/11/19 11:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	TDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/20/19 04:03	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 04:03	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:03	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:03	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:03	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:03	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 04:03	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:03	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:03	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 04:03	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 04:03	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 04:03	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 04:03	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 04:03	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 04:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 126					11/20/19 04:03	1
Toluene-d8 (Surr)	99		75 - 120					11/20/19 04:03	1
4-Bromofluorobenzene (Surr)	101		72 - 124					11/20/19 04:03	1
Dibromofluoromethane	101		75 - 120					11/20/19 04:03	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-2A

Lab Sample ID: 500-173415-13

Date Collected: 11/11/19 09:55

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 04:29	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 04:29	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 04:29	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 04:29	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 04:29	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 04:29	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:29	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 04:29	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 04:29	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 04:29	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 04:29	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 04:29	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 04:29	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 04:29	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 04:29	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:29	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 04:29	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 04:29	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 04:29	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 04:29	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 04:29	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 04:29	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 04:29	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 04:29	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 04:29	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 04:29	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 04:29	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 04:29	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 04:29	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 04:29	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 04:29	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 04:29	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 04:29	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 04:29	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 04:29	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 04:29	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 04:29	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 04:29	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 04:29	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 04:29	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 04:29	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 04:29	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-2A

Lab Sample ID: 500-173415-13

Date Collected: 11/11/19 09:55

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 04:29	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 04:29	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:29	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:29	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:29	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:29	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 04:29	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:29	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:29	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 04:29	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 04:29	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 04:29	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 04:29	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 04:29	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 126		11/20/19 04:29	1
Toluene-d8 (Surr)	99		75 - 120		11/20/19 04:29	1
4-Bromofluorobenzene (Surr)	103		72 - 124		11/20/19 04:29	1
Dibromofluoromethane	100		75 - 120		11/20/19 04:29	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-2B

Lab Sample ID: 500-173415-14

Date Collected: 11/11/19 10:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 04:55	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 04:55	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 04:55	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 04:55	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 04:55	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 04:55	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:55	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 04:55	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 04:55	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 04:55	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 04:55	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 04:55	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 04:55	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 04:55	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 04:55	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:55	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 04:55	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 04:55	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 04:55	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 04:55	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 04:55	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 04:55	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 04:55	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 04:55	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 04:55	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 04:55	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 04:55	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 04:55	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 04:55	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 04:55	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 04:55	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 04:55	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 04:55	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 04:55	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 04:55	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 04:55	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 04:55	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 04:55	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:55	1
1,1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 04:55	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 04:55	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 04:55	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 04:55	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-2B

Lab Sample ID: 500-173415-14

Date Collected: 11/11/19 10:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,6-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/20/19 04:55	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 04:55	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:55	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:55	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:55	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:55	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 04:55	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:55	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:55	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 04:55	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 04:55	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 04:55	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 04:55	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 04:55	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 04:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 126					11/20/19 04:55	1
Toluene-d8 (Surr)	98		75 - 120					11/20/19 04:55	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/20/19 04:55	1
Dibromofluoromethane	103		75 - 120					11/20/19 04:55	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-3B

Lab Sample ID: 500-173415-15

Date Collected: 11/11/19 12:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 05:21	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 05:21	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 05:21	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 05:21	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 05:21	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 05:21	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 05:21	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 05:21	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 05:21	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 05:21	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 05:21	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 05:21	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 05:21	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 05:21	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 05:21	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 05:21	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 05:21	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 05:21	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 05:21	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 05:21	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 05:21	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 05:21	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 05:21	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 05:21	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 05:21	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 05:21	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 05:21	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 05:21	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 05:21	1
Tetrachloroethene	0.46	J	1.0	0.37	ug/L			11/20/19 05:21	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 05:21	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 05:21	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 05:21	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 05:21	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 05:21	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 05:21	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 05:21	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 05:21	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 05:21	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 05:21	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 05:21	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 05:21	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 05:21	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-3B

Lab Sample ID: 500-173415-15

Date Collected: 11/11/19 12:00

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 05:21	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 05:21	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 05:21	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 05:21	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 05:21	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 05:21	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 05:21	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 05:21	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 05:21	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 05:21	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 05:21	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 05:21	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 05:21	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 05:21	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 126					11/20/19 05:21	1
Toluene-d8 (Surr)	99		75 - 120					11/20/19 05:21	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/20/19 05:21	1
Dibromofluoromethane	101		75 - 120					11/20/19 05:21	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-4A

Lab Sample ID: 500-173415-16

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 05:47	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 05:47	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 05:47	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 05:47	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 05:47	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 05:47	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 05:47	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 05:47	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 05:47	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 05:47	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 05:47	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 05:47	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 05:47	1
cis-1,2-Dichloroethene	0.76	J	1.0	0.41	ug/L			11/20/19 05:47	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 05:47	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 05:47	1
Chloroform	0.53	J	2.0	0.37	ug/L			11/20/19 05:47	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 05:47	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 05:47	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 05:47	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
Trichloroethene	24		0.50	0.16	ug/L			11/20/19 05:47	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 05:47	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 05:47	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 05:47	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 05:47	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 05:47	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 05:47	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 05:47	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 05:47	1
Tetrachloroethene	19		1.0	0.37	ug/L			11/20/19 05:47	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 05:47	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 05:47	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 05:47	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 05:47	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 05:47	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 05:47	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 05:47	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 05:47	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 05:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 05:47	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 05:47	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 05:47	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 05:47	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-4A

Lab Sample ID: 500-173415-16

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 05:47	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 05:47	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 05:47	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 05:47	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 05:47	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 05:47	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 05:47	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 05:47	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 05:47	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 05:47	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 05:47	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 05:47	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 05:47	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 05:47	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		75 - 126		11/20/19 05:47	1
Toluene-d8 (Surr)	99		75 - 120		11/20/19 05:47	1
4-Bromofluorobenzene (Surr)	100		72 - 124		11/20/19 05:47	1
Dibromofluoromethane	102		75 - 120		11/20/19 05:47	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-173415-17

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 06:13	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 06:13	1
Chloromethane	<1.0	*	1.0	0.32	ug/L			11/20/19 06:13	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 06:13	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 06:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 06:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 06:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 06:13	1
Acetone	<10	*	10	1.7	ug/L			11/20/19 06:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 06:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 06:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 06:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 06:13	1
cis-1,2-Dichloroethene	0.68	J	1.0	0.41	ug/L			11/20/19 06:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 06:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 06:13	1
Chloroform	0.52	J	2.0	0.37	ug/L			11/20/19 06:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 06:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 06:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 06:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
Trichloroethene	24		0.50	0.16	ug/L			11/20/19 06:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 06:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 06:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 06:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 06:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 06:13	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 06:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 06:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 06:13	1
Tetrachloroethene	19		1.0	0.37	ug/L			11/20/19 06:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 06:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 06:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 06:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 06:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 06:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 06:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 06:13	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 06:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 06:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 06:13	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 06:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 06:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 06:13	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-173415-17

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:55

Method: 3260B - 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			11/20/19 06:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 06:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 06:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 06:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 06:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 06:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 06:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 06:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 06:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 06:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 06:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 06:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 06:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 06:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		75 - 126					11/20/19 06:13	1
Toluene-d8 (Surr)	100		75 - 120					11/20/19 06:13	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/20/19 06:13	1
Dibromofluoromethane	102		75 - 120					11/20/19 06:13	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-4B

Lab Sample ID: 500-173415-18

Date Collected: 11/12/19 09:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 06:39	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 06:39	1
Chloromethane	<1.0	* F1	1.0	0.32	ug/L			11/20/19 06:39	1
Vinyl chloride	<1.0	F1	1.0	0.20	ug/L			11/20/19 06:39	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 06:39	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 06:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 06:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 06:39	1
Acetone	<10	* F1	10	1.7	ug/L			11/20/19 06:39	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 06:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 06:39	1
1,1-Dichloroethane	<1.0	F1	1.0	0.41	ug/L			11/20/19 06:39	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 06:39	1
cis-1,2-Dichloroethene	3.6		1.0	0.41	ug/L			11/20/19 06:39	1
Methyl Ethyl Ketone	<5.0	F1	5.0	2.1	ug/L			11/20/19 06:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 06:39	1
Chloroform	1.2	J	2.0	0.37	ug/L			11/20/19 06:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 06:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 06:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 06:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
Trichloroethene	57		0.50	0.16	ug/L			11/20/19 06:39	1
1,2-Dichloropropane	<1.0	F1	1.0	0.43	ug/L			11/20/19 06:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 06:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 06:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 06:39	1
methyl isobutyl ketone	<5.0	F1	5.0	2.2	ug/L			11/20/19 06:39	1
Toluene	0.16	J	0.50	0.15	ug/L			11/20/19 06:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 06:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 06:39	1
Tetrachloroethene	68		1.0	0.37	ug/L			11/20/19 06:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 06:39	1
2-Hexanone	<5.0	F1	5.0	1.6	ug/L			11/20/19 06:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 06:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 06:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 06:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 06:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 06:39	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 06:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 06:39	1
1,1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 06:39	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 06:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 06:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 06:39	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-4B

Lab Sample ID: 500-173415-18

Date Collected: 11/12/19 09:00

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 06:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 06:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 06:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 06:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 06:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 06:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 06:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 06:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 06:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 06:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 06:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 06:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 06:39	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 06:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 06:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		75 - 126					11/20/19 06:39	1
Toluene-d8 (Surr)	97		75 - 120					11/20/19 06:39	1
4-Bromofluorobenzene (Surr)	99		72 - 124					11/20/19 06:39	1
Dibromofluoromethane	97		75 - 120					11/20/19 06:39	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-6

Lab Sample ID: 500-173415-19

Date Collected: 11/11/19 15:20

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 01:48	1
Dichlorodifluoromethane	<1.0		3.0	0.67	ug/L			11/20/19 01:48	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 01:48	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 01:48	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 01:48	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 01:48	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:48	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 01:48	1
Acetone	3.4	J	10	1.7	ug/L			11/20/19 01:48	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 01:48	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 01:48	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 01:48	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 01:48	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 01:48	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 01:48	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 01:48	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 01:48	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 01:48	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 01:48	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 01:48	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
Trichloroethene	0.48	J	0.50	0.16	ug/L			11/20/19 01:48	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 01:48	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 01:48	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 01:48	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 01:48	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 01:48	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 01:48	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 01:48	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 01:48	1
Tetrachloroethene	0.81	J	1.0	0.37	ug/L			11/20/19 01:48	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 01:48	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 01:48	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 01:48	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 01:48	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 01:48	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 01:48	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 01:48	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 01:48	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:48	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 01:48	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 01:48	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 01:48	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 01:48	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-6

Lab Sample ID: 500-173415-19

Date Collected: 11/11/19 15:20

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 01:48	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 01:48	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:48	1
1,2,4-Trimethylbenzene	0.61	J B	1.0	0.36	ug/L			11/20/19 01:48	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:48	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 01:48	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 01:48	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 01:48	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 01:48	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 01:48	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 01:48	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 01:48	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 01:48	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 01:48	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					11/20/19 01:48	1
Toluene-d8 (Surr)	105		75 - 120					11/20/19 01:48	1
4-Bromofluorobenzene (Surr)	102		72 - 124					11/20/19 01:48	1
Dibromofluoromethane	109		75 - 120					11/20/19 01:48	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-7

Lab Sample ID: 500-173415-20

Date Collected: 11/11/19 13:10

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 02:16	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 02:16	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 02:16	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 02:16	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 02:16	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 02:16	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:16	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 02:16	1
Acetone	4.8	J	10	1.7	ug/L			11/20/19 02:16	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 02:16	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 02:16	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 02:16	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 02:16	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 02:16	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 02:16	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:16	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 02:16	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 02:16	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 02:16	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 02:16	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
Trichloroethene	0.43	J	0.50	0.16	ug/L			11/20/19 02:16	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 02:16	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 02:16	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 02:16	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 02:16	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 02:16	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 02:16	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 02:16	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 02:16	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 02:16	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 02:16	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 02:16	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 02:16	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 02:16	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 02:16	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 02:16	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 02:16	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 02:16	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:16	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 02:16	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 02:16	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 02:16	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 02:16	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-7

Lab Sample ID: 500-173415-20

Date Collected: 11/11/19 13:10

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 02:16	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 02:16	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:16	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:16	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:16	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:16	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 02:16	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:16	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:16	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 02:16	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 02:16	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 02:16	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 02:16	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 02:16	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		75 - 126					11/20/19 02:16	1
Toluene-d8 (Surr)	105		75 - 120					11/20/19 02:16	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/20/19 02:16	1
Dibromofluoromethane	112		75 - 120					11/20/19 02:16	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-9
 Date Collected: 11/12/19 11:50
 Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-21
 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			11/20/19 02:44	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 02:44	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 02:44	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 02:44	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 02:44	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 02:44	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:44	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 02:44	1
Acetone	2.6	J	10	1.7	ug/L			11/20/19 02:44	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 02:44	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 02:44	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 02:44	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 02:44	1
cis-1,2-Dichloroethene	4.5		1.0	0.41	ug/L			11/20/19 02:44	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 02:44	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 02:44	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 02:44	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 02:44	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 02:44	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 02:44	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
Trichloroethene	2.8		0.50	0.16	ug/L			11/20/19 02:44	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 02:44	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 02:44	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 02:44	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 02:44	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 02:44	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 02:44	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 02:44	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 02:44	1
Tetrachloroethene	1.5		1.0	0.37	ug/L			11/20/19 02:44	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 02:44	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 02:44	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 02:44	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 02:44	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 02:44	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 02:44	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 02:44	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 02:44	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 02:44	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 02:44	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 02:44	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 02:44	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-9
 Date Collected: 11/12/19 11:50
 Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-21
 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			11/20/19 02:44	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 02:44	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:44	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:44	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:44	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 02:44	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 02:44	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 02:44	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 02:44	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 02:44	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 02:44	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 02:44	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 02:44	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 02:44	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		75 - 126					11/20/19 02:44	1
Toluene-d8 (Surr)	105		75 - 120					11/20/19 02:44	1
4-Bromofluorobenzene (Surr)	102		72 - 124					11/20/19 02:44	1
Dibromofluoromethane	110		75 - 120					11/20/19 02:44	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-11B

Lab Sample ID: 500-173415-22

Date Collected: 11/12/19 11:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 03:11	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 03:11	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 03:11	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 03:11	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 03:11	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 03:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 03:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 03:11	1
Acetone	2.5	J	10	1.7	ug/L			11/20/19 03:11	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 03:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 03:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 03:11	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 03:11	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 03:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 03:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 03:11	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 03:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 03:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 03:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 03:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Trichloroethene	0.78		0.50	0.16	ug/L			11/20/19 03:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 03:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 03:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 03:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 03:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 03:11	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 03:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 03:11	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 03:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 03:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 03:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 03:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 03:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 03:11	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 03:11	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 03:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 03:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 03:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 03:11	1

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Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-11B

Lab Sample ID: 500-173415-22

Date Collected: 11/12/19 11:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.57	J B	1.0	0.25	ug/L			11/20/19 03:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 03:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 03:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 03:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 03:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 03:11	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 03:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					11/20/19 03:11	1
Toluene-d8 (Surr)	104		75 - 120					11/20/19 03:11	1
4-Bromofluorobenzene (Surr)	104		72 - 124					11/20/19 03:11	1
Dibromofluoromethane	110		75 - 120					11/20/19 03:11	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-12B

Lab Sample ID: 500-173415-23

Date Collected: 11/12/19 07:50

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 03:39	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 03:39	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 03:39	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 03:39	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 03:39	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 03:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 03:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 03:39	1
Acetone	<10		10	1.7	ug/L			11/20/19 03:39	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 03:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 03:39	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 03:39	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 03:39	1
cis-1,2-Dichloroethene	2.1		1.0	0.41	ug/L			11/20/19 03:39	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 03:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 03:39	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 03:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 03:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 03:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 03:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
Trichloroethene	68		0.50	0.16	ug/L			11/20/19 03:39	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 03:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 03:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 03:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 03:39	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 03:39	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 03:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 03:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 03:39	1
Tetrachloroethene	5.7		1.0	0.37	ug/L			11/20/19 03:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 03:39	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 03:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 03:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 03:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 03:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 03:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 03:39	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 03:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 03:39	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 03:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 03:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 03:39	1

Eurofins TestAmerica, Chicago

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-12B

Lab Sample ID: 500-173415-23

Date Collected: 11/12/19 07:50

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 03:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 03:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 03:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 03:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 03:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 03:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 03:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 03:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 03:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 03:39	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 03:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		75 - 126					11/20/19 03:39	1
Toluene-d8 (Surr)	104		75 - 120					11/20/19 03:39	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/20/19 03:39	1
Dibromofluoromethane	110		75 - 120					11/20/19 03:39	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-13

Lab Sample ID: 500-173415-24

Date Collected: 11/11/19 16:15

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 04:07	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 04:07	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 04:07	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 04:07	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 04:07	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 04:07	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:07	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
Carbon disulfide	0.47	J	2.0	0.45	ug/L			11/20/19 04:07	1
Acetone	2.2	J	10	1.7	ug/L			11/20/19 04:07	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 04:07	1
trans-1,2-Dichloroethene	2.3		1.0	0.35	ug/L			11/20/19 04:07	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 04:07	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 04:07	1
cis-1,2-Dichloroethene	2.2		1.0	0.41	ug/L			11/20/19 04:07	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 04:07	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:07	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 04:07	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 04:07	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 04:07	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 04:07	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
Trichloroethene	1.8		0.50	0.16	ug/L			11/20/19 04:07	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 04:07	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 04:07	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 04:07	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 04:07	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 04:07	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 04:07	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 04:07	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 04:07	1
Tetrachloroethene	8.1		1.0	0.37	ug/L			11/20/19 04:07	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 04:07	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 04:07	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 04:07	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 04:07	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 04:07	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 04:07	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 04:07	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 04:07	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:07	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 04:07	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 04:07	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 04:07	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 04:07	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-13

Lab Sample ID: 500-173415-24

Date Collected: 11/11/19 16:15

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 04:07	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 04:07	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:07	1
1,2,4-Trimethylbenzene	0.61	J B	1.0	0.36	ug/L			11/20/19 04:07	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:07	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:07	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 04:07	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:07	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:07	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 04:07	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 04:07	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 04:07	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 04:07	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 04:07	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		75 - 126					11/20/19 04:07	1
Toluene-d8 (Surr)	105		75 - 120					11/20/19 04:07	1
4-Bromofluorobenzene (Surr)	103		72 - 124					11/20/19 04:07	1
Dibromofluoromethane	109		75 - 120					11/20/19 04:07	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-17

Lab Sample ID: 500-173415-25

Date Collected: 11/11/19 14:15

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyze 1	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 04:35	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 04:35	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 04:35	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 04:35	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 04:35	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 04:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 04:35	1
Acetone	2.6	J	10	1.7	ug/L			11/20/19 04:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 04:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 04:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 04:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 04:35	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 04:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 04:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 04:35	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 04:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 04:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 04:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 04:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 04:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 04:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 04:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 04:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 04:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 04:35	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 04:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 04:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 04:35	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 04:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 04:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 04:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 04:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 04:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 04:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 04:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 04:35	1
Styrene	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 04:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 04:35	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 04:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 04:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 04:35	1

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Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: RFW-17

Lab Sample ID: 500-173415-25

Date Collected: 11/11/19 14:15

Matrix: Water

Date Received: 11/13/19 09:55

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			11/20/19 04:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 04:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 04:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 04:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 04:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 04:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 04:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 04:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 04:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 04:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/20/19 04:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		75 - 126		11/20/19 04:35	1
Toluene-d8 (Surr)	104		75 - 120		11/20/19 04:35	1
4-Bromofluorobenzene (Surr)	99		72 - 124		11/20/19 04:35	1
Dibromofluoromethane	113		75 - 120		11/20/19 04:35	1

Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-173415-26

Date Collected: 11/11/19 07:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/20/19 00:25	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/20/19 00:25	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/20/19 00:25	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/20/19 00:25	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/20/19 00:25	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/20/19 00:25	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/20/19 00:25	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/20/19 00:25	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/20/19 00:25	1
Acetone	<10		10	1.7	ug/L			11/20/19 00:25	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/20/19 00:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/20/19 00:25	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/20/19 00:25	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/20/19 00:25	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/20/19 00:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/20/19 00:25	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/20/19 00:25	1
Chloroform	<2.0		2.0	0.37	ug/L			11/20/19 00:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/20/19 00:25	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/20/19 00:25	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/20/19 00:25	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/20/19 00:25	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/20/19 00:25	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/20/19 00:25	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/20/19 00:25	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/20/19 00:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/20/19 00:25	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/20/19 00:25	1
Toluene	<0.50		0.50	0.15	ug/L			11/20/19 00:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/20/19 00:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/20/19 00:25	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/20/19 00:25	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/20/19 00:25	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/20/19 00:25	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/20/19 00:25	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/20/19 00:25	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/20/19 00:25	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/20/19 00:25	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/20/19 00:25	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/20/19 00:25	1
Styrene	0.47	J	1.0	0.39	ug/L			11/20/19 00:25	1
Bromoform	<1.0		1.0	0.48	ug/L			11/20/19 00:25	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:25	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/20/19 00:25	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/20/19 00:25	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/20/19 00:25	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/20/19 00:25	1

Eurofins TestAmerica, Chicago



Client Sample Results

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

Job ID: 500-173415-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-173415-26

Date Collected: 11/11/19 07:00

Matrix: Water

Date Received: 11/13/19 09:55

Method: 8260B - VOC (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.58	J B	1.0	0.25	ug/L			11/20/19 00:25	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/20/19 00:25	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:25	1
1,2,4-Trimethylbenzene	0.62	J B	1.0	0.36	ug/L			11/20/19 00:25	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/20/19 00:25	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/20/19 00:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/20/19 00:25	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/20/19 00:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/20/19 00:25	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/20/19 00:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/20/19 00:25	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/20/19 00:25	1
Naphthalene	0.67	J B	1.0	0.34	ug/L			11/20/19 00:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/20/19 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		75 - 126					11/20/19 00:25	1
Toluene-d8 (Surr)	104		75 - 120					11/20/19 00:25	1
4-Bromofluorobenzene (Surr)	102		72 - 124					11/20/19 00:25	1
Dibromofluoromethane	110		75 - 120					11/20/19 00:25	1

Definitions/Glossary

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

Job ID: 530-170415-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LOS or LOSD is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

QC Association Summary

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

Job ID: 500-173415-1

GC/MS VOA

Analysis Batch: 516235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-173415-1	EW-2	Total/NA	Water	8260B	
500-173415-2	EW-3	Total/NA	Water	8260B	
500-173415-3	EW-4	Total/NA	Water	8260B	
500-173415-4	EW-5	Total/NA	Water	8260B	
500-173415-5	EW-6	Total/NA	Water	8260B	
500-173415-6	EW-7	Total/NA	Water	8260B	
500-173415-7	EW-8	Total/NA	Water	8260B	
500-173415-8	EW-9	Total/NA	Water	8260B	
500-173415-9	EW-9 DUP	Total/NA	Water	8260B	
500-173415-10	EW-10	Total/NA	Water	8260B	
500-173415-12	RFW-1B	Total/NA	Water	8260B	
500-173415-13	RFW-2A	Total/NA	Water	8260B	
500-173415-14	RFW-2B	Total/NA	Water	8260B	
500-173415-15	RFW-3B	Total/NA	Water	8260B	
500-173415-16	RFW-4A	Total/NA	Water	8260B	
500-173415-17	RFW-4A DUP	Total/NA	Water	8260B	
500-173415-18	RFW-4B	Total/NA	Water	8260B	
MB 500-516235/6	Method Blank	Total/NA	Water	8260B	
LCS 500-516235/4	Lab Control Sample	Total/NA	Water	8260B	
500-173415-18 MS	RFW-4B	Total/NA	Water	8260B	
500-173415-18 MSD	RFW-4B	Total/NA	Water	8260B	

Analysis Batch: 516286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-173415-19	RFW-6	Total/NA	Water	8260B	
500-173415-20	RFW-7	Total/NA	Water	8260B	
500-173415-21	RFW-9	Total/NA	Water	8260B	
500-173415-22	RFW-11B	Total/NA	Water	8260B	
500-173415-23	RFW-12B	Total/NA	Water	8260B	
500-173415-24	RFW-13	Total/NA	Water	8260B	
500-173415-25	RFW-17	Total/NA	Water	8260B	
500-173415-26	Trip Blank	Total/NA	Water	8260B	
MB 500-516286/7	Method Blank	Total/NA	Water	8260B	
LCS 500-516286/4	Lab Control Sample	Total/NA	Water	8260B	
500-173415-25 MS	RFW-17	Total/NA	Water	8260B	
500-173415-25 MSD	RFW-17	Total/NA	Water	8260B	

Analysis Batch: 516516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-173415-11	RFW-1A	Total/NA	Water	8260B	
MB 500-516516/6	Method Blank	Total/NA	Water	8260B	
LCS 500-516516/4	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

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

Job ID: 500-173415-1

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)
500-173415-1	EW-2	105	98	97	101
500-173415-2	EW-3	109	100	100	98
500-173415-3	EW-4	112	104	102	106
500-173415-4	EW-5	109	98	103	102
500-173415-5	EW-6	111	99	101	102
500-173415-6	EW-7	110	99	105	103
500-173415-7	EW-8	112	99	102	104
500-173415-8	EW-9	110	99	101	103
500-173415-9	EW-9 DUP	109	100	101	102
500-173415-10	EW-10	115	103	110	105
500-173415-11	RFW-1A	85	96	103	90
500-173415-12	RFW-1B	108	99	101	101
500-173415-13	RFW-2A	111	99	103	100
500-173415-14	RFW-2B	108	98	103	103
500-173415-15	RFW-3B	111	99	103	101
500-173415-16	RFW-4A	112	99	100	102
500-173415-17	RFW-4A DUP	112	100	103	102
500-173415-18	RFW-4B	110	97	99	97
500-173415-18 MS	RFW-4B	113	100	103	105
500-173415-18 MSD	RFW-4B	116	100	110	110
500-173415-19	RFW-6	119	105	102	109
500-173415-20	RFW-7	121	105	103	112
500-173415-21	RFW-9	122	105	102	110
500-173415-22	RFW-11B	119	104	104	110
500-173415-23	RFW-12B	119	104	103	110
500-173415-24	RFW-13	120	105	103	109
500-173415-25	RFW-17	122	104	99	113
500-173415-25 MS	RFW-17	111	105	97	104
500-173415-25 MSD	RFW-17	111	105	97	103
500-173415-26	Trip Blank	121	104	102	110
LCS 500-516235/4	Lab Control Sample	103	96	101	98
LCS 500-516286/4	Lab Control Sample	108	105	95	102
LCS 500-516516/4	Lab Control Sample	84	101	95	92
MB 500-516235/6	Method Blank	113	98	102	108
MB 500-516286/7	Method Blank	118	105	104	109
MB 500-516516/6	Method Blank	85	97	105	90

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: 500-173415-1

Method: 8260B - VOC

Lab Sample ID: MB 500-516235/6
 Matrix: Water
 Analysis Batch: 516235

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

Analyt	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.50		0.50	0.15	ug/L			11/19/19 22:51	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/19/19 22:51	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/19/19 22:51	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/19/19 22:51	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/19/19 22:51	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/19/19 22:51	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/19/19 22:51	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/19/19 22:51	1
Acetone	<10		10	1.7	ug/L			11/19/19 22:51	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/19/19 22:51	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/19/19 22:51	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/19/19 22:51	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/19/19 22:51	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/19/19 22:51	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/19/19 22:51	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/19/19 22:51	1
Chloroform	<2.0		2.0	0.37	ug/L			11/19/19 22:51	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/19/19 22:51	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/19/19 22:51	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/19/19 22:51	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/19/19 22:51	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/19/19 22:51	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/19/19 22:51	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/19/19 22:51	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/19/19 22:51	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/19/19 22:51	1
Toluene	<0.50		0.50	0.15	ug/L			11/19/19 22:51	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/19/19 22:51	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/19/19 22:51	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/19/19 22:51	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/19/19 22:51	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/19/19 22:51	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/19/19 22:51	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/19/19 22:51	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/19/19 22:51	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/19/19 22:51	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/19/19 22:51	1
Styrene	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
Bromoform	<1.0		1.0	0.48	ug/L			11/19/19 22:51	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/19/19 22:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/19/19 22:51	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/19/19 22:51	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/19/19 22:51	1

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-170415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-516235/6
Matrix: Water
Analysis Batch: 516235

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			11/19/19 22:51	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/19/19 22:51	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/19/19 22:51	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 22:51	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/19/19 22:51	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 22:51	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/19/19 22:51	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/19/19 22:51	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/19/19 22:51	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 22:51	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/19/19 22:51	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/19/19 22:51	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/19/19 22:51	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/19/19 22:51	1
Naphthalene	0.346	J	1.0	0.34	ug/L			11/19/19 22:51	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/19/19 22:51	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	113		75 - 126		11/19/19 22:51	1
Toluene-d8 (Surr)	98		75 - 120		11/19/19 22:51	1
4-Bromofluorobenzene (Surr)	102		72 - 124		11/19/19 22:51	1
Dibromofluoromethane	108		75 - 120		11/19/19 22:51	1

Lab Sample ID: LCS 500-516235/4
Matrix: Water
Analysis Batch: 516235

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	50.7		ug/L		101	40 - 159
Chloromethane	50.0	80.0	*	ug/L		160	56 - 152
Vinyl chloride	50.0	60.2		ug/L		120	64 - 126
Bromomethane	50.0	34.6		ug/L		69	40 - 152
Chloroethane	50.0	47.3		ug/L		95	48 - 136
Trichlorofluoromethane	50.0	48.3		ug/L		97	55 - 128
1,1-Dichloroethene	50.0	47.8		ug/L		96	67 - 122
Carbon disulfide	50.0	44.1		ug/L		88	66 - 120
Acetone	50.0	75.4	*	ug/L		151	40 - 143
Methylene Chloride	50.0	61.9		ug/L		124	69 - 125
trans-1,2-Dichloroethene	50.0	47.9		ug/L		96	70 - 125
1,1-Dichloroethane	50.0	55.1		ug/L		110	70 - 125
2,2-Dichloropropane	50.0	42.3		ug/L		85	58 - 139
cis-1,2-Dichloroethene	50.0	49.4		ug/L		99	70 - 125
Methyl Ethyl Ketone	50.0	67.1		ug/L		134	46 - 144
Bromochloromethane	50.0	49.8		ug/L		100	65 - 122
Chloroform	50.0	45.6		ug/L		91	70 - 120
1,1,1-Trichloroethane	50.0	44.6		ug/L		89	70 - 125
1,1-Dichloropropene	50.0	47.6		ug/L		95	70 - 121

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-516235/4

Matrix: Water

Analysis Batch: 516235

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	50.0	43.9		ug/L		88	59 - 133
1,2-Dichloroethane	50.0	52.9		ug/L		106	68 - 127
Trichloroethene	50.0	50.9		ug/L		102	70 - 125
1,2-Dichloropropane	50.0	57.5		ug/L		115	67 - 130
Dibromomethane	50.0	45.2		ug/L		90	70 - 120
Bromodichloromethane	50.0	44.3		ug/L		89	69 - 120
cis-1,3-Dichloropropene	50.0	41.8		ug/L		84	64 - 127
methyl isobutyl ketone	50.0	64.5		ug/L		129	55 - 139
Toluene	50.0	44.9		ug/L		90	70 - 125
trans-1,3-Dichloropropene	50.0	43.1		ug/L		86	62 - 128
1,1,2-Trichloroethane	50.0	47.7		ug/L		95	71 - 130
Tetrachloroethane	50.0	45.5		ug/L		91	70 - 128
1,3-Dichloropropane	50.0	46.2		ug/L		92	62 - 136
2-Hexanone	50.0	71.9		ug/L		144	54 - 146
Dibromochloromethane	50.0	44.9		ug/L		90	68 - 125
1,2-Dibromoethane	50.0	47.1		ug/L		94	70 - 125
Chlorobenzene	50.0	47.6		ug/L		95	70 - 120
1,1,1,2-Tetrachloroethane	50.0	43.7		ug/L		87	70 - 125
Ethylbenzene	50.0	46.6		ug/L		93	70 - 123
m&p-Xylene	50.0	45.5		ug/L		91	70 - 125
o-Xylene	50.0	45.6		ug/L		91	70 - 120
Styrene	50.0	48.0		ug/L		96	70 - 120
Bromoform	50.0	38.1		ug/L		76	56 - 132
Isopropylbenzene	50.0	47.3		ug/L		95	70 - 126
Bromobenzene	50.0	44.7		ug/L		89	70 - 122
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/L		91	62 - 140
1,2,3-Trichloropropane	50.0	48.4		ug/L		97	50 - 133
N-Propylbenzene	50.0	47.3		ug/L		95	69 - 127
2-Chlorotoluene	50.0	45.9		ug/L		92	70 - 125
1,3,5-Trimethylbenzene	50.0	47.9		ug/L		96	70 - 123
4-Chlorotoluene	50.0	46.9		ug/L		94	68 - 124
tert-Butylbenzene	50.0	47.7		ug/L		95	70 - 121
1,2,4-Trimethylbenzene	50.0	46.7		ug/L		93	70 - 123
sec-Butylbenzene	50.0	48.2		ug/L		96	70 - 123
1,3-Dichlorobenzene	50.0	46.3		ug/L		93	70 - 125
p-Isopropyltoluene	50.0	48.2		ug/L		96	70 - 125
1,4-Dichlorobenzene	50.0	45.6		ug/L		91	70 - 120
n-Butylbenzene	50.0	47.1		ug/L		94	68 - 125
1,2-Dichlorobenzene	50.0	45.9		ug/L		92	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	40.0		ug/L		80	56 - 123
1,2,4-Trichlorobenzene	50.0	41.8		ug/L		84	57 - 137
Hexachlorobutadiene	50.0	38.9		ug/L		78	51 - 150
Naphthalene	50.0	44.7		ug/L		89	53 - 144
1,2,3-Trichlorobenzene	50.0	42.8		ug/L		86	51 - 145

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		75 - 126
Toluene-d8 (Surr)	96		75 - 120

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173-15-1

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-516235/4
Matrix: Water
Analysis Batch: 516235

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

Surrogate	LCS 103 %Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		72 - 121
Dibromofluoromethane	98		75 - 120

Lab Sample ID: 500-173415-18 MS
Matrix: Water
Analysis Batch: 516235

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	50.9		ug/L		102	70 - 120
Dichlorodifluoromethane	<3.0		50.0	46.4		ug/L		93	40 - 159
Chloromethane	<1.0	* F1	50.0	89.2	F1	ug/L		178	56 - 152
Vinyl chloride	<1.0	F1	50.0	65.3	F1	ug/L		131	64 - 126
Bromomethane	<3.0		50.0	40.5		ug/L		81	40 - 152
Chloroethane	<1.0		50.0	52.0		ug/L		104	48 - 136
Trichlorofluoromethane	<1.0		50.0	51.7		ug/L		103	55 - 128
1,1-Dichloroethene	<1.0		50.0	51.4		ug/L		103	67 - 122
Carbon disulfide	<2.0		50.0	46.9		ug/L		94	66 - 120
Acetone	<10	* F1	50.0	78.3	F1	ug/L		157	40 - 143
Methylene Chloride	<5.0		50.0	54.8		ug/L		110	69 - 125
trans-1,2-Dichloroethene	<1.0		50.0	54.0		ug/L		108	70 - 125
1,1-Dichloroethane	<1.0	F1	50.0	59.8		ug/L		120	70 - 125
2,2-Dichloropropane	<1.0		50.0	41.2		ug/L		82	58 - 139
cis-1,2-Dichloroethene	3.6		50.0	56.8		ug/L		107	70 - 125
Methyl Ethyl Ketone	<5.0	F1	50.0	80.8	F1	ug/L		162	46 - 144
Bromochloromethane	<1.0		50.0	55.8		ug/L		112	65 - 122
Chloroform	1.2	J	50.0	52.6		ug/L		103	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	47.2		ug/L		94	70 - 125
1,1-Dichloropropene	<1.0		50.0	47.0		ug/L		94	70 - 121
Carbon tetrachloride	<1.0		50.0	44.3		ug/L		89	59 - 133
1,2-Dichloroethane	<1.0		50.0	60.7		ug/L		121	68 - 127
Trichloroethene	57		50.0	110		ug/L		106	70 - 125
1,2-Dichloropropane	<1.0	F1	50.0	62.5		ug/L		125	67 - 130
Dibromomethane	<1.0		50.0	51.8		ug/L		104	70 - 120
Bromodichloromethane	<1.0		50.0	49.8		ug/L		100	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	46.8		ug/L		94	64 - 127
methyl isobutyl ketone	<5.0	F1	50.0	79.6	F1	ug/L		159	55 - 139
Toluene	0.16	J	50.0	49.4		ug/L		99	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	45.5		ug/L		91	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	53.6		ug/L		107	71 - 130
Tetrachloroethene	68		50.0	117		ug/L		97	70 - 128
1,3-Dichloropropane	<1.0		50.0	50.5		ug/L		101	62 - 136
2-Hexanone	<5.0	F1	50.0	85.7	F1	ug/L		171	54 - 146
Dibromochloromethane	<1.0		50.0	49.1		ug/L		98	68 - 125
1,2-Dibromoethane	<1.0		50.0	51.1		ug/L		102	70 - 125
Chlorobenzene	<1.0		50.0	50.1		ug/L		100	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	49.8		ug/L		100	70 - 125
Ethylbenzene	<0.50		50.0	48.0		ug/L		96	70 - 123
m&p-Xylene	<1.0		50.0	46.4		ug/L		93	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-173415-18 MS

Matrix: Water

Analysis Batch: 516235

Client Sample ID: RFW-4B

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
o-Xylene	<0.50		50.0	49.6		ug/L		99	70 - 120	
Styrene	<1.0		50.0	50.7		ug/L		101	70 - 120	
Bromoform	<1.0		50.0	43.5		ug/L		87	56 - 132	
Isopropylbenzene	<1.0		50.0	50.3		ug/L		101	70 - 126	
Bromobenzene	<1.0		50.0	50.4		ug/L		101	70 - 122	
1,1,2,2-Tetrachloroethane	<1.0		50.0	52.7		ug/L		105	62 - 140	
1,2,3-Trichloropropane	<2.0		50.0	55.9		ug/L		112	50 - 133	
N-Propylbenzene	<1.0		50.0	49.0		ug/L		98	69 - 127	
2-Chlorotoluene	<1.0		50.0	50.7		ug/L		101	70 - 125	
1,3,5-Trimethylbenzene	<1.0		50.0	50.8		ug/L		102	70 - 123	
4-Chlorotoluene	<1.0		50.0	49.3		ug/L		99	68 - 124	
tert-Butylbenzene	<1.0		50.0	50.7		ug/L		101	70 - 121	
1,2,4-Trimethylbenzene	<1.0		50.0	50.7		ug/L		101	70 - 123	
sec-Butylbenzene	<1.0		50.0	49.4		ug/L		99	70 - 123	
1,3-Dichlorobenzene	<1.0		50.0	49.4		ug/L		99	70 - 125	
p-Isopropyltoluene	<1.0		50.0	49.6		ug/L		99	70 - 125	
1,4-Dichlorobenzene	<1.0		50.0	49.2		ug/L		98	70 - 120	
n-Butylbenzene	<1.0		50.0	46.0		ug/L		92	68 - 125	
1,2-Dichlorobenzene	<1.0		50.0	51.9		ug/L		104	70 - 125	
1,2-Dibromo-3-Chloropropane	<5.0		50.0	49.9		ug/L		100	56 - 123	
1,2,4-Trichlorobenzene	<1.0		50.0	43.8		ug/L		88	57 - 137	
Hexachlorobutadiene	<1.0		50.0	39.1		ug/L		78	51 - 150	
Naphthalene	<1.0		50.0	51.9		ug/L		104	53 - 144	
1,2,3-Trichlorobenzene	<1.0		50.0	46.8		ug/L		94	51 - 145	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	113		75 - 126
Toluene-d8 (Surr)	100		75 - 120
4-Bromofluorobenzene (Surr)	103		72 - 124
Dibromofluoromethane	105		75 - 120

Lab Sample ID: 500-173415-18 MSD

Matrix: Water

Analysis Batch: 516235

Client Sample ID: RFW-4B

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
Benzene	<0.50		50.0	53.6		ug/L		107	70 - 120	5	20	
Dichlorodifluoromethane	<3.0		50.0	53.2		ug/L		106	40 - 159	13	20	
Chloromethane	<1.0	* F1	50.0	90.0	F1	ug/L		180	56 - 152	1	20	
Vinyl chloride	<1.0	F1	50.0	65.8	F1	ug/L		132	64 - 126	1	20	
Bromomethane	<3.0		50.0	40.7		ug/L		81	40 - 152	1	20	
Chloroethane	<1.0		50.0	53.8		ug/L		108	48 - 136	3	20	
Trichlorofluoromethane	<1.0		50.0	52.0		ug/L		104	55 - 128	1	20	
1,1-Dichloroethane	<1.0		50.0	52.3		ug/L		105	67 - 122	2	20	
Carbon disulfide	<2.0		50.0	47.1		ug/L		94	66 - 120	0	20	
Acetone	<10	* F1	50.0	74.5	F1	ug/L		149	40 - 143	5	20	
Methylene Chloride	<5.0		50.0	55.6		ug/L		111	69 - 125	2	20	
trans-1,2-Dichloroethene	<1.0		50.0	53.2		ug/L		106	70 - 125	1	20	

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-173415-18 MSD

Client Sample ID: RFW-4B

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 516235

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,1-Dichloroethane	<1.0	F1	50.0	63.3	F1	ug/L		127	70 - 125	6	20
2,2-Dichloropropane	<1.0		50.0	44.9		ug/L		90	58 - 139	9	20
cis-1,2-Dichloroethene	3.6		50.0	60.4		ug/L		114	70 - 125	6	20
Methyl Ethyl Ketone	<5.0	F1	50.0	75.4	F1	ug/L		151	46 - 144	7	20
Bromochloromethane	<1.0		50.0	57.9		ug/L		116	65 - 122	4	20
Chloroform	1.2	J	50.0	54.7		ug/L		107	70 - 120	4	20
1,1,1-Trichloroethane	<1.0		50.0	49.7		ug/L		99	70 - 125	5	20
1,1-Dichloropropene	<1.0		50.0	49.7		ug/L		99	70 - 121	6	20
Carbon tetrachloride	<1.0		50.0	46.4		ug/L		93	59 - 133	5	20
1,2-Dichloroethane	<1.0		50.0	61.1		ug/L		122	68 - 127	1	20
Trichloroethene	57		50.0	110		ug/L		106	70 - 125	0	20
1,2-Dichloropropane	<1.0	F1	50.0	66.0	F1	ug/L		132	67 - 130	6	20
Dibromomethane	<1.0		50.0	53.3		ug/L		107	70 - 120	3	20
Bromodichloromethane	<1.0		50.0	52.1		ug/L		104	69 - 120	5	20
cis-1,3-Dichloropropene	<1.0		50.0	47.2		ug/L		94	64 - 127	1	20
methyl isobutyl ketone	<5.0	F1	50.0	76.0	F1	ug/L		152	55 - 139	5	20
Toluene	0.16	J	50.0	50.0		ug/L		100	70 - 125	1	20
trans-1,3-Dichloropropene	<1.0		50.0	45.6		ug/L		91	62 - 128	0	20
1,1,2-Trichloroethane	<1.0		50.0	52.9		ug/L		106	71 - 130	1	20
Tetrachloroethene	68		50.0	113		ug/L		91	70 - 128	3	20
1,3-Dichloropropane	<1.0		50.0	49.9		ug/L		100	62 - 136	1	20
2-Hexanone	<5.0	F1	50.0	81.3	F1	ug/L		163	54 - 146	5	20
Dibromochloromethane	<1.0		50.0	48.9		ug/L		98	68 - 125	1	20
1,2-Dibromoethane	<1.0		50.0	48.7		ug/L		97	70 - 125	5	20
Chlorobenzene	<1.0		50.0	49.6		ug/L		99	70 - 120	1	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	48.9		ug/L		98	70 - 125	2	20
Ethylbenzene	<0.50		50.0	47.3		ug/L		95	70 - 123	1	20
m&p-Xylene	<1.0		50.0	45.2		ug/L		90	70 - 125	3	20
o-Xylene	<0.50		50.0	48.0		ug/L		96	70 - 120	3	20
Styrene	<1.0		50.0	49.7		ug/L		99	70 - 120	2	20
Bromoform	<1.0		50.0	40.6		ug/L		81	56 - 132	7	20
Isopropylbenzene	<1.0		50.0	54.6		ug/L		109	70 - 126	8	20
Bromobenzene	<1.0		50.0	53.8		ug/L		108	70 - 122	6	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	56.7		ug/L		113	62 - 140	7	20
1,2,3-Trichloropropane	<2.0		50.0	58.6		ug/L		117	50 - 133	5	20
N-Propylbenzene	<1.0		50.0	50.2		ug/L		100	69 - 127	2	20
2-Chlorotoluene	<1.0		50.0	51.1		ug/L		102	70 - 125	1	20
1,3,5-Trimethylbenzene	<1.0		50.0	51.8		ug/L		104	70 - 123	2	20
4-Chlorotoluene	<1.0		50.0	49.5		ug/L		99	68 - 124	0	20
tert-Butylbenzene	<1.0		50.0	52.1		ug/L		104	70 - 121	3	20
1,2,4-Trimethylbenzene	<1.0		50.0	50.4		ug/L		101	70 - 123	1	20
sec-Butylbenzene	<1.0		50.0	50.3		ug/L		101	70 - 123	2	20
1,3-Dichlorobenzene	<1.0		50.0	49.4		ug/L		99	70 - 125	0	20
p-Isopropyltoluene	<1.0		50.0	49.3		ug/L		99	70 - 125	1	20
1,4-Dichlorobenzene	<1.0		50.0	48.2		ug/L		96	70 - 120	2	20
n-Butylbenzene	<1.0		50.0	43.8		ug/L		88	68 - 125	5	20
1,2-Dichlorobenzene	<1.0		50.0	52.2		ug/L		104	70 - 125	1	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	49.5		ug/L		99	56 - 123	1	20
1,2,4-Trichlorobenzene	<1.0		50.0	39.0		ug/L		78	57 - 137	12	20

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-173415-18 MSD

Matrix: Water

Analysis Batch: 516235

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	38.7		ug/L		77	51 - 150	1	20
Naphthalene	<1.0		50.0	50.5		ug/L		101	53 - 144	3	20
1,2,3-Trichlorobenzene	<1.0		50.0	43.9		ug/L		88	51 - 145	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		75 - 126
Toluene-d8 (Surr)	100		75 - 120
4-Bromofluorobenzene (Surr)	110		72 - 124
Dibromofluoromethane	110		75 - 120

Lab Sample ID: MB 500-516286/7

Matrix: Water

Analysis Batch: 516286

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			11/19/19 23:02	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/19/19 23:02	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/19/19 23:02	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/19/19 23:02	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/19/19 23:02	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/19/19 23:02	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/19/19 23:02	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/19/19 23:02	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/19/19 23:02	1
Acetone	<10		10	1.7	ug/L			11/19/19 23:02	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/19/19 23:02	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/19/19 23:02	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/19/19 23:02	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/19/19 23:02	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/19/19 23:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/19/19 23:02	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/19/19 23:02	1
Chloroform	<2.0		2.0	0.37	ug/L			11/19/19 23:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/19/19 23:02	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/19/19 23:02	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/19/19 23:02	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/19/19 23:02	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/19/19 23:02	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/19/19 23:02	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/19/19 23:02	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/19/19 23:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/19/19 23:02	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/19/19 23:02	1
Toluene	<0.50		0.50	0.15	ug/L			11/19/19 23:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/19/19 23:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/19/19 23:02	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/19/19 23:02	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/19/19 23:02	1

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QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-516286/7
Matrix: Water
Analysis Batch: 516286

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<5.0		5.0	1.6	ug/L			11/19/19 23:02	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/19/19 23:02	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/19/19 23:02	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:02	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/19/19 23:02	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/19/19 23:02	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/19/19 23:02	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/19/19 23:02	1
Styrene	<1.0		1.0	0.39	ug/L			11/19/19 23:02	1
Bromoform	<1.0		1.0	0.48	ug/L			11/19/19 23:02	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/19/19 23:02	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/19/19 23:02	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/19/19 23:02	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/19/19 23:02	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/19/19 23:02	1
1,3,5-Trimethylbenzene	0.586	J	1.0	0.25	ug/L			11/19/19 23:02	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/19/19 23:02	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:02	1
1,2,4-Trimethylbenzene	0.641	J	1.0	0.36	ug/L			11/19/19 23:02	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/19/19 23:02	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/19/19 23:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/19/19 23:02	1
n-Butylbenzene	0.537	J	1.0	0.39	ug/L			11/19/19 23:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/19/19 23:02	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/19/19 23:02	1
1,2,4-Trichlorobenzene	0.597	J	1.0	0.34	ug/L			11/19/19 23:02	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/19/19 23:02	1
Naphthalene	0.722	J	1.0	0.34	ug/L			11/19/19 23:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/19/19 23:02	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	118		75 - 126		11/19/19 23:02	1
Toluene-d8 (Surr)	105		75 - 120		11/19/19 23:02	1
4-Bromofluorobenzene (Surr)	104		72 - 124		11/19/19 23:02	1
Dibromofluoromethane	109		75 - 120		11/19/19 23:02	1

Lab Sample ID: LCS 500-516286/4
Matrix: Water
Analysis Batch: 516286

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Benzene	50.0	55.4		ug/L		111	70 - 120
Dichlorodifluoromethane	50.0	74.1		ug/L		148	40 - 159
Chloromethane	50.0	39.7		ug/L		79	56 - 152
Vinyl chloride	50.0	61.7		ug/L		123	64 - 126
Bromomethane	50.0	65.8		ug/L		132	40 - 152

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 600-170416-1

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-516286/4

Matrix: Water

Analysis Batch: 516286

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	52.4		ug/L		105	48 - 106
Trichlorofluoromethane	50.0	60.1		ug/L		120	55 - 128
1,1-Dichloroethene	50.0	51.5		ug/L		103	67 - 122
Carbon disulfide	50.0	50.8		ug/L		102	66 - 120
Acetone	50.0	42.9		ug/L		86	40 - 143
Methylene Chloride	50.0	52.2		ug/L		104	69 - 125
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 125
1,1-Dichloroethane	50.0	45.6		ug/L		91	70 - 125
2,2-Dichloropropane	50.0	57.0		ug/L		114	58 - 139
cis-1,2-Dichloroethene	50.0	53.1		ug/L		106	70 - 125
Methyl Ethyl Ketone	50.0	38.8		ug/L		78	46 - 144
Bromochloromethane	50.0	50.0		ug/L		100	65 - 122
Chloroform	50.0	54.9		ug/L		110	70 - 120
1,1,1-Trichloroethane	50.0	55.4		ug/L		111	70 - 125
1,1-Dichloropropene	50.0	56.7		ug/L		113	70 - 121
Carbon tetrachloride	50.0	52.7		ug/L		105	59 - 133
1,2-Dichloroethane	50.0	51.9		ug/L		104	68 - 127
Trichloroethene	50.0	47.5		ug/L		95	70 - 125
1,2-Dichloropropane	50.0	46.7		ug/L		93	67 - 130
Dibromomethane	50.0	55.2		ug/L		110	70 - 120
Bromodichloromethane	50.0	58.2		ug/L		116	69 - 120
cis-1,3-Dichloropropene	50.0	55.5		ug/L		111	64 - 127
methyl isobutyl ketone	50.0	41.8		ug/L		84	55 - 139
Toluene	50.0	56.1		ug/L		112	70 - 125
trans-1,3-Dichloropropene	50.0	60.7		ug/L		121	62 - 128
1,1,2-Trichloroethane	50.0	57.5		ug/L		115	71 - 130
Tetrachloroethene	50.0	53.6		ug/L		107	70 - 128
1,3-Dichloropropane	50.0	60.7		ug/L		121	62 - 136
2-Hexanone	50.0	41.9		ug/L		84	54 - 146
Dibromochloromethane	50.0	55.3		ug/L		111	68 - 125
1,2-Dibromoethane	50.0	57.5		ug/L		115	70 - 125
Chlorobenzene	50.0	51.3		ug/L		103	70 - 120
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/L		104	70 - 125
Ethylbenzene	50.0	56.4		ug/L		113	70 - 123
m&p-Xylene	50.0	57.1		ug/L		114	70 - 125
o-Xylene	50.0	59.8		ug/L		120	70 - 120
Styrene	50.0	51.8		ug/L		104	70 - 120
Bromoform	50.0	57.3		ug/L		115	56 - 132
Isopropylbenzene	50.0	48.1		ug/L		96	70 - 126
Bromobenzene	50.0	48.0		ug/L		96	70 - 122
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/L		98	62 - 140
1,2,3-Trichloropropane	50.0	49.0		ug/L		98	50 - 133
N-Propylbenzene	50.0	50.8		ug/L		102	69 - 127
2-Chlorotoluene	50.0	48.4		ug/L		97	70 - 125
1,3,5-Trimethylbenzene	50.0	43.6		ug/L		87	70 - 123
4-Chlorotoluene	50.0	49.8		ug/L		100	68 - 124
tert-Butylbenzene	50.0	43.9		ug/L		88	70 - 121
1,2,4-Trimethylbenzene	50.0	44.6		ug/L		89	70 - 123
sec-Butylbenzene	50.0	48.6		ug/L		97	70 - 123

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-516286/4
Matrix: Water
Analysis Batch: 516286

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	48.5		ug/L		97	70 - 125
p-Isopropyltoluene	50.0	50.0		ug/L		100	70 - 125
1,4-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 120
n-Butylbenzene	50.0	46.4		ug/L		93	68 - 125
1,2-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.5		ug/L		97	56 - 123
1,2,4-Trichlorobenzene	50.0	46.1		ug/L		92	57 - 137
Hexachlorobutadiene	50.0	45.6		ug/L		91	51 - 150
Naphthalene	50.0	41.4		ug/L		83	53 - 144
1,2,3-Trichlorobenzene	50.0	45.6		ug/L		91	51 - 145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		75 - 126
Toluene-d8 (Surr)	105		75 - 120
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane	102		75 - 120

Lab Sample ID: 500-173415-25 MS
Matrix: Water
Analysis Batch: 516286

Client Sample ID: RFW-17
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	55.4		ug/L		111	70 - 120
Dichlorodifluoromethane	<3.0		50.0	71.3		ug/L		143	40 - 159
Chloromethane	<1.0		50.0	37.4		ug/L		75	56 - 152
Vinyl chloride	<1.0		50.0	58.1		ug/L		116	64 - 126
Bromomethane	<3.0		50.0	54.3		ug/L		109	40 - 152
Chloroethane	<1.0		50.0	47.8		ug/L		96	48 - 136
Trichlorofluoromethane	<1.0		50.0	55.4		ug/L		111	55 - 128
1,1-Dichloroethene	<1.0		50.0	51.8		ug/L		104	67 - 122
Carbon disulfide	<2.0		50.0	50.5		ug/L		101	66 - 120
Acetone	2.6	J	50.0	41.0		ug/L		77	40 - 143
Methylene Chloride	<5.0		50.0	52.3		ug/L		105	69 - 125
trans-1,2-Dichloroethene	<1.0		50.0	51.6		ug/L		103	70 - 125
1,1-Dichloroethane	<1.0		50.0	45.7		ug/L		91	70 - 125
2,2-Dichloropropane	<1.0		50.0	56.5		ug/L		113	58 - 139
cis-1,2-Dichloroethene	<1.0		50.0	53.3		ug/L		107	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	37.7		ug/L		75	46 - 144
Bromochloromethane	<1.0		50.0	50.8		ug/L		102	65 - 122
Chloroform	<2.0		50.0	55.8		ug/L		112	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	55.9		ug/L		112	70 - 125
1,1-Dichloropropene	<1.0		50.0	56.1		ug/L		112	70 - 121
Carbon tetrachloride	<1.0		50.0	53.0		ug/L		106	59 - 133
1,2-Dichloroethane	<1.0		50.0	52.0		ug/L		104	68 - 127
Trichloroethene	<0.50		50.0	47.3		ug/L		95	70 - 125
1,2-Dichloropropane	<1.0		50.0	47.3		ug/L		95	67 - 130
Dibromomethane	<1.0		50.0	56.0		ug/L		112	70 - 120
Bromodichloromethane	<1.0		50.0	58.4		ug/L		117	69 - 120

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QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-173415-25 MS				Client Sample ID: RFW-17					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 516286									
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	<1.0		50.0	54.6		ug/L		109	64 - 127
methyl isobutyl ketone	<5.0		50.0	41.0		ug/L		82	55 - 139
Toluene	<0.50		50.0	54.8		ug/L		110	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	60.1		ug/L		120	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	56.7		ug/L		113	71 - 130
Tetrachloroethene	<1.0		50.0	53.4		ug/L		107	70 - 128
1,3-Dichloropropane	<1.0		50.0	60.8		ug/L		122	62 - 136
2-Hexanone	<5.0		50.0	41.3		ug/L		83	54 - 146
Dibromochloromethane	<1.0		50.0	55.9		ug/L		112	68 - 125
1,2-Dibromoethane	<1.0		50.0	58.2		ug/L		116	70 - 125
Chlorobenzene	<1.0		50.0	50.7		ug/L		101	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	52.7		ug/L		105	70 - 125
Ethylbenzene	<0.50		50.0	54.8		ug/L		110	70 - 123
m&p-Xylene	<1.0		50.0	55.4		ug/L		111	70 - 125
o-Xylene	<0.50		50.0	59.3		ug/L		119	70 - 120
Styrene	<1.0		50.0	50.3		ug/L		101	70 - 120
Bromoform	<1.0		50.0	57.8		ug/L		116	56 - 132
Isopropylbenzene	<1.0		50.0	49.5		ug/L		99	70 - 126
Bromobenzene	<1.0		50.0	50.8		ug/L		102	70 - 122
1,1,2,2-Tetrachloroethane	<1.0		50.0	50.6		ug/L		101	62 - 140
1,2,3-Trichloropropane	<2.0		50.0	49.0		ug/L		98	50 - 133
N-Propylbenzene	<1.0		50.0	51.1		ug/L		102	69 - 127
2-Chlorotoluene	<1.0		50.0	49.4		ug/L		99	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	44.0		ug/L		88	70 - 123
4-Chlorotoluene	<1.0		50.0	50.3		ug/L		101	68 - 124
tert-Butylbenzene	<1.0		50.0	45.4		ug/L		91	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	44.6		ug/L		89	70 - 123
sec-Butylbenzene	<1.0		50.0	49.6		ug/L		99	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	49.2		ug/L		98	70 - 125
p-Isopropyltoluene	<1.0		50.0	50.6		ug/L		101	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	46.1		ug/L		92	70 - 120
n-Butylbenzene	<1.0		50.0	45.6		ug/L		91	68 - 125
1,2-Dichlorobenzene	<1.0		50.0	50.0		ug/L		100	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	50.2		ug/L		100	56 - 123
1,2,4-Trichlorobenzene	<1.0		50.0	49.1		ug/L		98	57 - 137
Hexachlorobutadiene	<1.0		50.0	48.7		ug/L		97	51 - 150
Naphthalene	<1.0		50.0	47.2		ug/L		94	53 - 144
1,2,3-Trichlorobenzene	<1.0		50.0	48.9		ug/L		98	51 - 145
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	111		75 - 126						
Toluene-d8 (Surr)	105		75 - 120						
4-Bromofluorobenzene (Surr)	97		72 - 124						
Dibromofluoromethane	104		75 - 120						

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-173415-25 MSD				Client Sample ID: RFW-17							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 516286											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.50		50.0	55.4		ug/L		111	70 - 120	0	20
Dichlorodifluoromethane	<3.0		50.0	68.4		ug/L		137	40 - 159	4	20
Chloromethane	<1.0		50.0	44.8		ug/L		90	56 - 152	18	20
Vinyl chloride	<1.0		50.0	56.3		ug/L		113	64 - 126	3	20
Bromomethane	<3.0		50.0	62.9		ug/L		126	40 - 152	15	20
Chloroethane	<1.0		50.0	49.0		ug/L		98	48 - 136	3	20
Trichlorofluoromethane	<1.0		50.0	55.0		ug/L		110	55 - 128	1	20
1,1-Dichloroethene	<1.0		50.0	50.2		ug/L		100	67 - 122	3	20
Carbon disulfide	<2.0		50.0	49.7		ug/L		99	66 - 120	2	20
Acetone	2.6	J	50.0	36.9		ug/L		69	40 - 143	10	20
Methylene Chloride	<5.0		50.0	52.8		ug/L		106	69 - 125	1	20
trans-1,2-Dichloroethene	<1.0		50.0	50.8		ug/L		102	70 - 125	2	20
1,1-Dichloroethane	<1.0		50.0	45.6		ug/L		91	70 - 125	0	20
2,2-Dichloropropane	<1.0		50.0	56.8		ug/L		114	58 - 139	0	20
cis-1,2-Dichloroethene	<1.0		50.0	53.3		ug/L		107	70 - 125	0	20
Methyl Ethyl Ketone	<5.0		50.0	38.8		ug/L		78	46 - 144	3	20
Bromochloromethane	<1.0		50.0	50.9		ug/L		102	65 - 122	0	20
Chloroform	<2.0		50.0	55.2		ug/L		110	70 - 120	1	20
1,1,1-Trichloroethane	<1.0		50.0	55.4		ug/L		111	70 - 125	1	20
1,1-Dichloropropene	<1.0		50.0	56.3		ug/L		113	70 - 121	0	20
Carbon tetrachloride	<1.0		50.0	52.7		ug/L		105	59 - 133	1	20
1,2-Dichloroethane	<1.0		50.0	52.9		ug/L		106	68 - 127	2	20
Trichloroethene	<0.50		50.0	46.7		ug/L		93	70 - 125	1	20
1,2-Dichloropropane	<1.0		50.0	47.4		ug/L		95	67 - 130	0	20
Dibromomethane	<1.0		50.0	56.6		ug/L		113	70 - 120	1	20
Bromodichloromethane	<1.0		50.0	58.9		ug/L		118	69 - 120	1	20
cis-1,3-Dichloropropene	<1.0		50.0	55.3		ug/L		111	64 - 127	1	20
methyl isobutyl ketone	<5.0		50.0	41.5		ug/L		83	55 - 139	1	20
Toluene	<0.50		50.0	55.0		ug/L		110	70 - 125	0	20
trans-1,3-Dichloropropene	<1.0		50.0	61.0		ug/L		122	62 - 128	1	20
1,1,2-Trichloroethane	<1.0		50.0	57.9		ug/L		116	71 - 130	2	20
Tetrachloroethene	<1.0		50.0	53.5		ug/L		107	70 - 128	0	20
1,3-Dichloropropane	<1.0		50.0	61.8		ug/L		124	62 - 136	2	20
2-Hexanone	<5.0		50.0	43.0		ug/L		86	54 - 146	4	20
Dibromochloromethane	<1.0		50.0	56.2		ug/L		112	68 - 125	1	20
1,2-Dibromoethane	<1.0		50.0	60.2		ug/L		120	70 - 125	3	20
Chlorobenzene	<1.0		50.0	50.5		ug/L		101	70 - 120	0	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	53.7		ug/L		107	70 - 125	2	20
Ethylbenzene	<0.50		50.0	54.7		ug/L		109	70 - 123	0	20
m&p-Xylene	<1.0		50.0	56.1		ug/L		112	70 - 125	1	20
o-Xylene	<0.50		50.0	59.1		ug/L		118	70 - 120	0	20
Styrene	<1.0		50.0	50.8		ug/L		102	70 - 120	1	20
Bromoform	<1.0		50.0	59.4		ug/L		119	56 - 132	3	20
Isopropylbenzene	<1.0		50.0	49.8		ug/L		100	70 - 126	1	20
Bromobenzene	<1.0		50.0	51.6		ug/L		103	70 - 122	1	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	52.0		ug/L		104	62 - 140	3	20
1,2,3-Trichloropropane	<2.0		50.0	51.4		ug/L		103	50 - 133	5	20
N-Propylbenzene	<1.0		50.0	51.5		ug/L		103	69 - 127	1	20

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QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-173415-25 MSD
Matrix: Water
Analysis Batch: 516286

Client Sample ID: RFW-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	<1.0		50.0	50.0		ug/L		100	70 - 125	1	20
1,3,5-Trimethylbenzene	<1.0		50.0	44.6		ug/L		89	70 - 123	2	20
4-Chlorotoluene	<1.0		50.0	50.7		ug/L		101	68 - 124	1	20
tert-Butylbenzene	<1.0		50.0	45.6		ug/L		91	70 - 121	0	20
1,2,4-Trimethylbenzene	<1.0		50.0	45.5		ug/L		91	70 - 123	2	20
sec-Butylbenzene	<1.0		50.0	49.5		ug/L		99	70 - 123	0	20
1,3-Dichlorobenzene	<1.0		50.0	49.7		ug/L		99	70 - 125	1	20
p-Isopropyltoluene	<1.0		50.0	50.7		ug/L		101	70 - 125	0	20
1,4-Dichlorobenzene	<1.0		50.0	47.4		ug/L		95	70 - 120	3	20
n-Butylbenzene	<1.0		50.0	45.4		ug/L		91	68 - 125	0	20
1,2-Dichlorobenzene	<1.0		50.0	50.9		ug/L		102	70 - 125	2	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	52.9		ug/L		106	56 - 123	5	20
1,2,4-Trichlorobenzene	<1.0		50.0	48.0		ug/L		96	57 - 137	2	20
Hexachlorobutadiene	<1.0		50.0	46.7		ug/L		93	51 - 150	4	20
Naphthalene	<1.0		50.0	46.9		ug/L		94	53 - 144	1	20
1,2,3-Trichlorobenzene	<1.0		50.0	48.2		ug/L		96	51 - 145	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		75 - 126
Toluene-d8 (Surr)	105		75 - 120
4-Bromofluorobenzene (Surr)	97		72 - 124
Dibromofluoromethane	103		75 - 120

Lab Sample ID: MB 500-516516/6
Matrix: Water
Analysis Batch: 516516

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			11/21/19 10:13	1
Dichlorodifluoromethane	<3.0		3.0	0.67	ug/L			11/21/19 10:13	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/21/19 10:13	1
Vinyl chloride	<1.0		1.0	0.20	ug/L			11/21/19 10:13	1
Bromomethane	<3.0		3.0	0.80	ug/L			11/21/19 10:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/21/19 10:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/21/19 10:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/21/19 10:13	1
Acetone	<10		10	1.7	ug/L			11/21/19 10:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/21/19 10:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/21/19 10:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/21/19 10:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/21/19 10:13	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/21/19 10:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/21/19 10:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/21/19 10:13	1
Chloroform	<2.0		2.0	0.37	ug/L			11/21/19 10:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/21/19 10:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/21/19 10:13	1

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QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-516516/6
Matrix: Water
Analysis Batch: 516516

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/21/19 10:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/21/19 10:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/21/19 10:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/21/19 10:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/21/19 10:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/21/19 10:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/21/19 10:13	1
Toluene	<0.50		0.50	0.15	ug/L			11/21/19 10:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/21/19 10:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/21/19 10:13	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/21/19 10:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/21/19 10:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/21/19 10:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/21/19 10:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/21/19 10:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/21/19 10:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/21/19 10:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/21/19 10:13	1
Styrene	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
Bromoform	<1.0		1.0	0.48	ug/L			11/21/19 10:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/21/19 10:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/21/19 10:13	1
1,2,3-Trichloropropane	<2.0		2.0	0.41	ug/L			11/21/19 10:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/21/19 10:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/21/19 10:13	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/21/19 10:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/21/19 10:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/21/19 10:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/21/19 10:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/21/19 10:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/21/19 10:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/21/19 10:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/21/19 10:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/21/19 10:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/21/19 10:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/21/19 10:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/21/19 10:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/21/19 10:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/21/19 10:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/21/19 10:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	85		75 - 126		11/21/19 10:13	1
Toluene-d8 (Surr)	97		75 - 120		11/21/19 10:13	1

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QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-516516/6
Matrix: Water
Analysis Batch: 516516

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	105		72 - 124		11/21/19 10:13	1
Dibromofluoromethane	90		75 - 120		11/21/19 10:13	1

Lab Sample ID: LCS 500-516516/4
Matrix: Water
Analysis Batch: 516516

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	43.7		ug/L		87	40 - 159
Chloromethane	50.0	51.2		ug/L		102	56 - 152
Vinyl chloride	50.0	47.7		ug/L		95	64 - 126
Bromomethane	50.0	51.4		ug/L		103	40 - 152
Chloroethane	50.0	51.0		ug/L		102	48 - 136
Trichlorofluoromethane	50.0	44.1		ug/L		88	55 - 128
1,1-Dichloroethene	50.0	45.2		ug/L		90	67 - 122
Carbon disulfide	50.0	46.5		ug/L		93	66 - 120
Acetone	50.0	41.6		ug/L		83	40 - 143
Methylene Chloride	50.0	43.7		ug/L		87	69 - 125
trans-1,2-Dichloroethene	50.0	46.6		ug/L		93	70 - 125
1,1-Dichloroethane	50.0	46.7		ug/L		93	70 - 125
2,2-Dichloropropane	50.0	44.8		ug/L		90	58 - 139
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 125
Methyl Ethyl Ketone	50.0	42.6		ug/L		85	46 - 144
Bromochloromethane	50.0	48.5		ug/L		97	65 - 122
Chloroform	50.0	43.7		ug/L		87	70 - 120
1,1,1-Trichloroethane	50.0	45.4		ug/L		91	70 - 125
1,1-Dichloropropene	50.0	49.9		ug/L		100	70 - 121
Carbon tetrachloride	50.0	45.2		ug/L		90	59 - 133
1,2-Dichloroethane	50.0	43.6		ug/L		87	68 - 127
Trichloroethene	50.0	52.4		ug/L		105	70 - 125
1,2-Dichloropropane	50.0	50.1		ug/L		100	67 - 130
Dibromomethane	50.0	45.4		ug/L		91	70 - 120
Bromodichloromethane	50.0	43.6		ug/L		87	69 - 120
cis-1,3-Dichloropropene	50.0	47.3		ug/L		95	64 - 127
methyl isobutyl ketone	50.0	44.8		ug/L		90	55 - 139
Toluene	50.0	49.2		ug/L		98	70 - 125
trans-1,3-Dichloropropene	50.0	43.7		ug/L		87	62 - 128
1,1,2-Trichloroethane	50.0	46.4		ug/L		93	71 - 130
Tetrachloroethene	50.0	58.0		ug/L		116	70 - 128
1,3-Dichloropropane	50.0	45.7		ug/L		91	62 - 136
2-Hexanone	50.0	44.4		ug/L		89	54 - 146
Dibromochloromethane	50.0	45.4		ug/L		91	68 - 125
1,2-Dibromoethane	50.0	46.7		ug/L		93	70 - 125
Chlorobenzene	50.0	48.6		ug/L		97	70 - 120
1,1,1,2-Tetrachloroethane	50.0	47.8		ug/L		96	70 - 125
Ethylbenzene	50.0	51.7		ug/L		103	70 - 123
m&p-Xylene	50.0	47.5		ug/L		95	70 - 125

Eurofins TestAmerica, Chicago

QC Sample Results

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

Job ID: 500-173415-1

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-516516/4

Matrix: Water

Analysis Batch: 516516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.0	47.2		ug/L		94	70 - 120
Styrene	50.0	47.9		ug/L		96	70 - 120
Bromoform	50.0	47.1		ug/L		94	56 - 132
Isopropylbenzene	50.0	49.3		ug/L		99	70 - 126
Bromobenzene	50.0	49.2		ug/L		98	70 - 122
1,1,2,2-Tetrachloroethane	50.0	44.4		ug/L		89	62 - 140
1,2,3-Trichloropropane	50.0	43.6		ug/L		87	50 - 133
N-Propylbenzene	50.0	47.7		ug/L		95	69 - 127
2-Chlorotoluene	50.0	46.8		ug/L		94	70 - 125
1,3,5-Trimethylbenzene	50.0	47.6		ug/L		95	70 - 123
4-Chlorotoluene	50.0	45.6		ug/L		91	68 - 124
tert-Butylbenzene	50.0	49.7		ug/L		99	70 - 121
1,2,4-Trimethylbenzene	50.0	46.7		ug/L		93	70 - 123
sec-Butylbenzene	50.0	48.4		ug/L		97	70 - 123
1,3-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 125
p-Isopropyltoluene	50.0	48.8		ug/L		98	70 - 125
1,4-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 120
n-Butylbenzene	50.0	46.2		ug/L		92	68 - 125
1,2-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	32.6		ug/L		65	56 - 123
1,2,4-Trichlorobenzene	50.0	48.1		ug/L		96	57 - 137
Hexachlorobutadiene	50.0	51.8		ug/L		104	51 - 150
Naphthalene	50.0	42.8		ug/L		86	53 - 144
1,2,3-Trichlorobenzene	50.0	46.9		ug/L		94	51 - 145

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	84		75 - 126
Toluene-d8 (Surr)	101		75 - 120
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane	92		75 - 120

Lab Chronicle

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

Job ID: 500-173415-1

Client Sample ID: EW-2

Date Collected: 11/12/19 07:30

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/19/19 23:17	JLC	TAL CHI

Client Sample ID: EW-3

Date Collected: 11/12/19 11:30

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/19/19 23:43	JLC	TAL CHI

Client Sample ID: EW-4

Date Collected: 11/12/19 11:45

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 00:09	JLC	TAL CHI

Client Sample ID: EW-5

Date Collected: 11/12/19 12:00

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 00:35	JLC	TAL CHI

Client Sample ID: EW-6

Date Collected: 11/11/19 11:55

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 01:01	JLC	TAL CHI

Client Sample ID: EW-7

Date Collected: 11/11/19 11:50

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 01:27	JLC	TAL CHI

Client Sample ID: EW-8

Date Collected: 11/11/19 11:45

Date Received: 11/13/19 09:55

Lab Sample ID: 500-173415-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 01:53	JLC	TAL CHI

Eurofins TestAmerica, Chicago



Lab Chronicle

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

Job ID: 500-173415-1

Client Sample ID: EW-9

Lab Sample ID: 500-173415-8

Date Collected: 11/11/19 11:40

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 02:19	JLC	TAL CHI

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-173415-9

Date Collected: 11/11/19 11:40

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 02:45	JLC	TAL CHI

Client Sample ID: EW-10

Lab Sample ID: 500-173415-10

Date Collected: 11/11/19 11:30

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 03:11	JLC	TAL CHI

Client Sample ID: RFW-1A

Lab Sample ID: 500-173415-11

Date Collected: 11/11/19 10:45

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516516	11/21/19 11:29	STW	TAL CHI

Client Sample ID: RFW-1B

Lab Sample ID: 500-173415-12

Date Collected: 11/11/19 11:00

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 04:03	JLC	TAL CHI

Client Sample ID: RFW-2A

Lab Sample ID: 500-173415-13

Date Collected: 11/11/19 09:55

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 04:29	JLC	TAL CHI

Client Sample ID: RFW-2B

Lab Sample ID: 500-173415-14

Date Collected: 11/11/19 10:00

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 04:55	JLC	TAL CHI



Lab Chronicle

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

Job ID: 500-173415-1

Client Sample ID: RFW-3B

Lab Sample ID: 500-173415-15

Date Collected: 11/11/19 12:00

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 05:21	JLC	TAL CHI

Client Sample ID: RFW-4A

Lab Sample ID: 500-173415-16

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 05:47	JLC	TAL CHI

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-173415-17

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 06:13	JLC	TAL CHI

Client Sample ID: RFW-4B

Lab Sample ID: 500-173415-18

Date Collected: 11/12/19 09:00

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516235	11/20/19 06:39	JLC	TAL CHI

Client Sample ID: RFW-6

Lab Sample ID: 500-173415-19

Date Collected: 11/11/19 15:20

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 01:48	JDD	TAL CHI

Client Sample ID: RFW-7

Lab Sample ID: 500-173415-20

Date Collected: 11/11/19 13:10

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 02:16	JDD	TAL CHI

Client Sample ID: RFW-9

Lab Sample ID: 500-173415-21

Date Collected: 11/12/19 11:50

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 02:44	JDD	TAL CHI

Eurofins TestAmerica, Chicago



Lab Chronicle

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

Job ID: 500-173415-1

Client Sample ID: RFW-11B

Lab Sample ID: 500-173415-22

Date Collected: 11/12/19 11:00

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 03:11	JDD	TAL CHI

Client Sample ID: RFW-12B

Lab Sample ID: 500-173415-23

Date Collected: 11/12/19 07:50

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 03:39	JDD	TAL CHI

Client Sample ID: RFW-13

Lab Sample ID: 500-173415-24

Date Collected: 11/11/19 16:15

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 04:07	JDD	TAL CHI

Client Sample ID: RFW-17

Lab Sample ID: 500-173415-25

Date Collected: 11/11/19 14:15

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 04:35	JDD	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-173415-26

Date Collected: 11/11/19 07:00

Matrix: Water

Date Received: 11/13/19 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	516286	11/20/19 00:25	JDD	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: 500-170415-1

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	2933	04-30-20
Georgia	State	N/A	04-30-20
Georgia (DW)	State	939	04-30-20
Hawaii	State	NA	04-30-20
Illinois	NELAP	IL00035	04-30-20
Indiana	State	C-IL-02	04-30-20
Iowa	State	082	05-01-20
Kansas	NELAP	E-10161	11-01-20
Kentucky (UST)	State	AI # 108083	04-30-20
Kentucky (WW)	State	KY90023	12-31-19
Louisiana	NELAP	02046	06-30-20
Mississippi	State	NA	04-30-20
New York	NELAP	12019	04-01-20
North Carolina (WW/SW)	State	291	12-31-19
North Dakota	State	R-194	04-30-20
Oklahoma	State	8908	08-31-20
South Carolina	State	77001003	04-30-20
USDA	US Federal Programs	P330-18-00018	02-11-21
Wisconsin	State	999580010	08-31-20
Wyoming	State	8TMS-Q	04-30-20



Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 500-173415-1

Login Number: 173415

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Cheri L

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	0.7
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Environment Testing
TestAmerica

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ANALYTICAL REPORT

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

Laboratory Job ID: 680-176836-1
Client Project/Site: Black & Decker

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

Attn: Greg Flasinski

Jessica Speaks

Authorized for release by:
11/25/2019 11:27:57 AM

Jessica Speaks, Project Manager I
(912)250-0303
jessica.speaks@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 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: 680-176836-1

Job ID: 680-176836-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.
Project: Black & Decker
Report Number: 680-176836-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 11/13/2019; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 1.9° C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples RFW-20 (680-176836-1), RFW-21 (680-176836-2), HAMP-22 (680-176836-3), HAMP-23 (680-176836-4) and Trip Blank (680-176836-5) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 11/22/2019.

trans-1,2-Dichloroethene was detected in method blank MB 680-597409/9 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

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: 680-176836-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-176836-1	RFW-20	Water	11/11/19 09:00	11/13/19 09:20	
680-176836-2	RFW-21	Water	11/11/19 08:00	11/13/19 09:20	
680-176836-3	HAMP-22	Water	11/12/19 09:50	11/13/19 09:20	
680-176836-4	HAMP-23	Water	11/12/19 09:45	11/13/19 09:20	
680-176836-5	Trip Blank	Water	11/11/19 07:00	11/13/19 09:20	



Method Summary

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

Job ID: 680-176836-1

Method	Method Description	Protocol	Laboratory
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: 680-173836-1

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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: RFW-20

Lab Sample ID: 680-176836-1

Date Collected: 11/11/19 09:00

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 17:23	1
Benzene	<0.50		0.50	0.082	ug/L			11/22/19 17:23	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/22/19 17:23	1
Bromoform	<0.50		0.50	0.17	ug/L			11/22/19 17:23	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/22/19 17:23	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/22/19 17:23	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 17:23	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/22/19 17:23	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/22/19 17:23	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/22/19 17:23	1
Chloroform	<0.50		0.50	0.20	ug/L			11/22/19 17:23	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/22/19 17:23	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/22/19 17:23	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/22/19 17:23	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 17:23	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/22/19 17:23	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/22/19 17:23	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/22/19 17:23	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/22/19 17:23	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/22/19 17:23	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/22/19 17:23	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/22/19 17:23	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/22/19 17:23	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/22/19 17:23	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/22/19 17:23	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/22/19 17:23	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/22/19 17:23	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/22/19 17:23	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/22/19 17:23	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/22/19 17:23	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/22/19 17:23	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/22/19 17:23	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/22/19 17:23	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/22/19 17:23	1
Freon 113	<0.50		0.50	0.15	ug/L			11/22/19 17:23	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/22/19 17:23	1
2-Hexanone	<10		10	5.0	ug/L			11/22/19 17:23	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/22/19 17:23	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/22/19 17:23	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/22/19 17:23	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/22/19 17:23	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/22/19 17:23	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/22/19 17:23	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/22/19 17:23	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 17:23	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 17:23	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/22/19 17:23	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 17:23	1
Styrene	<0.50		0.50	0.089	ug/L			11/22/19 17:23	1

Eurofins TestAmerica, Savannah



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: RFW-20

Lab Sample ID: 680-176836-1

Date Collected: 11/11/19 09:00

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 17:23	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/22/19 17:23	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 17:23	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/22/19 17:23	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/22/19 17:23	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/22/19 17:23	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/22/19 17:23	1
Toluene	<0.50		0.50	0.086	ug/L			11/22/19 17:23	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 17:23	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/22/19 17:23	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 17:23	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/22/19 17:23	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/22/19 17:23	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/22/19 17:23	1
Trichloroethene	0.34	J	0.50	0.13	ug/L			11/22/19 17:23	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/22/19 17:23	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/22/19 17:23	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/22/19 17:23	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 17:23	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/22/19 17:23	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/22/19 17:23	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/22/19 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		70 - 130					11/22/19 17:23	1
1,2-Dichlorobenzene-d4	100		70 - 130					11/22/19 17:23	1



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: RFW-21

Lab Sample ID: 680-176836-2

Date Collected: 11/11/19 08:00

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 15:20	1
Benzene	<0.50		0.50	0.082	ug/L			11/22/19 15:20	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/22/19 15:20	1
Bromoform	<0.50		0.50	0.17	ug/L			11/22/19 15:20	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/22/19 15:20	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/22/19 15:20	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:20	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/22/19 15:20	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/22/19 15:20	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/22/19 15:20	1
Chloroform	<0.50		0.50	0.20	ug/L			11/22/19 15:20	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/22/19 15:20	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/22/19 15:20	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/22/19 15:20	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 15:20	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/22/19 15:20	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/22/19 15:20	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/22/19 15:20	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/22/19 15:20	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/22/19 15:20	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/22/19 15:20	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/22/19 15:20	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/22/19 15:20	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/22/19 15:20	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/22/19 15:20	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/22/19 15:20	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/22/19 15:20	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/22/19 15:20	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/22/19 15:20	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/22/19 15:20	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/22/19 15:20	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/22/19 15:20	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/22/19 15:20	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/22/19 15:20	1
Freon 113	<0.50		0.50	0.15	ug/L			11/22/19 15:20	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/22/19 15:20	1
2-Hexanone	<10		10	5.0	ug/L			11/22/19 15:20	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/22/19 15:20	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/22/19 15:20	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/22/19 15:20	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/22/19 15:20	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/22/19 15:20	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/22/19 15:20	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/22/19 15:20	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 15:20	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 15:20	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/22/19 15:20	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:20	1
Styrene	<0.50		0.50	0.089	ug/L			11/22/19 15:20	1

Eurofins TestAmerica, Savannah



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: RFW-21

Lab Sample ID: 680-176836-2

Date Collected: 11/11/19 08:00

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 15:20	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/22/19 15:20	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:20	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/22/19 15:20	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/22/19 15:20	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/22/19 15:20	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/22/19 15:20	1
Toluene	<0.50		0.50	0.086	ug/L			11/22/19 15:20	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 15:20	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/22/19 15:20	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:20	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/22/19 15:20	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/22/19 15:20	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/22/19 15:20	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/22/19 15:20	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/22/19 15:20	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/22/19 15:20	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/22/19 15:20	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 15:20	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/22/19 15:20	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/22/19 15:20	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/22/19 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130					11/22/19 15:20	1
1,2-Dichlorobenzene-d4	100		70 - 130					11/22/19 15:20	1



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: HAMP-22

Lab Sample ID: 680-176836-3

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 15:44	1
Benzene	<0.50		0.50	0.032	ug/L			11/22/19 15:44	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/22/19 15:44	1
Bromoform	<0.50		0.50	0.17	ug/L			11/22/19 15:44	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/22/19 15:44	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/22/19 15:44	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:44	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/22/19 15:44	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/22/19 15:44	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/22/19 15:44	1
Chloroform	0.26	J	0.50	0.20	ug/L			11/22/19 15:44	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/22/19 15:44	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/22/19 15:44	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/22/19 15:44	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 15:44	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/22/19 15:44	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/22/19 15:44	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/22/19 15:44	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/22/19 15:44	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/22/19 15:44	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/22/19 15:44	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/22/19 15:44	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/22/19 15:44	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/22/19 15:44	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/22/19 15:44	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/22/19 15:44	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/22/19 15:44	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/22/19 15:44	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/22/19 15:44	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/22/19 15:44	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/22/19 15:44	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/22/19 15:44	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/22/19 15:44	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/22/19 15:44	1
Freon 113	<0.50		0.50	0.15	ug/L			11/22/19 15:44	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/22/19 15:44	1
2-Hexanone	<10		10	5.0	ug/L			11/22/19 15:44	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/22/19 15:44	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/22/19 15:44	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/22/19 15:44	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/22/19 15:44	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/22/19 15:44	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/22/19 15:44	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/22/19 15:44	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 15:44	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 15:44	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/22/19 15:44	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:44	1
Styrene	<0.50		0.50	0.089	ug/L			11/22/19 15:44	1

Eurofins TestAmerica, Savannah

Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: HAMP-22

Lab Sample ID: 680-176836-3

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 15:44	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/22/19 15:44	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:44	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/22/19 15:44	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/22/19 15:44	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/22/19 15:44	1
Tetrachloroethene	1.3		0.50	0.18	ug/L			11/22/19 15:44	1
Toluene	<0.50		0.50	0.086	ug/L			11/22/19 15:44	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 15:44	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/22/19 15:44	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 15:44	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/22/19 15:44	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/22/19 15:44	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/22/19 15:44	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/22/19 15:44	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/22/19 15:44	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/22/19 15:44	1
Trihalomethanes, Total	0.26	J	0.50	0.079	ug/L			11/22/19 15:44	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 15:44	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/22/19 15:44	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/22/19 15:44	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/22/19 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		11/22/19 15:44	1
1,2-Dichlorobenzene-d4	102		70 - 130		11/22/19 15:44	1



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: HAMP-23

Lab Sample ID: 680-176836-4

Date Collected: 11/12/19 09:45

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 16:09	1
Benzene	<0.50		0.50	0.082	ug/L			11/22/19 16:09	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/22/19 16:09	1
Bromoform	<0.50		0.50	0.17	ug/L			11/22/19 16:09	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/22/19 16:09	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/22/19 16:09	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 16:09	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/22/19 16:09	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/22/19 16:09	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/22/19 16:09	1
Chloroform	<0.50		0.50	0.20	ug/L			11/22/19 16:09	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/22/19 16:09	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/22/19 16:09	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/22/19 16:09	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 16:09	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/22/19 16:09	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/22/19 16:09	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/22/19 16:09	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/22/19 16:09	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/22/19 16:09	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/22/19 16:09	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/22/19 16:09	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/22/19 16:09	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/22/19 16:09	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/22/19 16:09	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/22/19 16:09	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/22/19 16:09	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/22/19 16:09	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/22/19 16:09	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/22/19 16:09	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/22/19 16:09	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/22/19 16:09	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/22/19 16:09	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/22/19 16:09	1
Freon 113	<0.50		0.50	0.15	ug/L			11/22/19 16:09	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/22/19 16:09	1
2-Hexanone	<10		10	5.0	ug/L			11/22/19 16:09	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/22/19 16:09	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/22/19 16:09	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/22/19 16:09	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/22/19 16:09	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/22/19 16:09	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/22/19 16:09	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/22/19 16:09	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 16:09	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 16:09	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/22/19 16:09	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 16:09	1
Styrene	<0.50		0.50	0.089	ug/L			11/22/19 16:09	1

Eurofins TestAmerica, Savannah



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: HAMP-23

Lab Sample ID: 680-176836-4

Date Collected: 11/12/19 09:45

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 16:09	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/22/19 16:09	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 16:09	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/22/19 16:09	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/22/19 16:09	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/22/19 16:09	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/22/19 16:09	1
Toluene	<0.50		0.50	0.086	ug/L			11/22/19 16:09	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 16:09	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/22/19 16:09	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 16:09	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/22/19 16:09	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/22/19 16:09	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/22/19 16:09	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/22/19 16:09	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/22/19 16:09	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/22/19 16:09	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/22/19 16:09	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 16:09	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/22/19 16:09	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/22/19 16:09	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/22/19 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		70 - 130		11/22/19 16:09	1
1,2-Dichlorobenzene-d4	99		70 - 130		11/22/19 16:09	1



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-176836-5

Date Collected: 11/11/19 07:00

Matrix: Water

Date Received: 11/13/19 09:20

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			11/22/19 12:02	1
Benzene	<0.50		0.50	0.082	ug/L			11/22/19 12:02	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/22/19 12:02	1
Bromoform	<0.50		0.50	0.17	ug/L			11/22/19 12:02	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/22/19 12:02	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/22/19 12:02	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 12:02	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/22/19 12:02	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/22/19 12:02	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/22/19 12:02	1
Chloroform	<0.50		0.50	0.20	ug/L			11/22/19 12:02	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/22/19 12:02	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/22/19 12:02	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/22/19 12:02	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 12:02	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/22/19 12:02	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/22/19 12:02	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/22/19 12:02	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/22/19 12:02	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/22/19 12:02	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/22/19 12:02	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/22/19 12:02	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/22/19 12:02	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/22/19 12:02	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/22/19 12:02	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/22/19 12:02	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/22/19 12:02	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/22/19 12:02	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/22/19 12:02	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/22/19 12:02	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/22/19 12:02	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/22/19 12:02	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/22/19 12:02	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/22/19 12:02	1
Freon 113	<0.50		0.50	0.15	ug/L			11/22/19 12:02	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/22/19 12:02	1
2-Hexanone	<10		10	5.0	ug/L			11/22/19 12:02	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/22/19 12:02	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/22/19 12:02	1
Methylene Chloride	0.39	J	0.50	0.20	ug/L			11/22/19 12:02	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/22/19 12:02	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/22/19 12:02	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/22/19 12:02	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/22/19 12:02	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 12:02	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 12:02	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/22/19 12:02	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 12:02	1
Styrene	<0.50		0.50	0.089	ug/L			11/22/19 12:02	1

Eurofins TestAmerica, Savannah



Client Sample Results

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

Job ID: 680-176836-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-176836-5

Date Collected: 11/11/19 07:00

Matrix: Water

Date Received: 11/13/19 09:20

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

Analyte	Result	Qualifier	RL	MIDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/22/19 12:02	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/22/19 12:02	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 12:02	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/22/19 12:02	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/22/19 12:02	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/22/19 12:02	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/22/19 12:02	1
Toluene	<0.50		0.50	0.086	ug/L			11/22/19 12:02	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 12:02	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/22/19 12:02	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 12:02	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/22/19 12:02	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/22/19 12:02	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/22/19 12:02	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/22/19 12:02	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/22/19 12:02	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/22/19 12:02	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/22/19 12:02	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 12:02	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/22/19 12:02	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/22/19 12:02	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/22/19 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		11/22/19 12:02	1
1,2-Dichlorobenzene-d4	104		70 - 130		11/22/19 12:02	1



QC Sample Results

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

Job ID: 680-176636-1

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

Lab Sample ID: MB 680-597409/9

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 597409

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<10		10	5.0	ug/L			11/22/19 10:24	1
Benzene	<0.50		0.50	0.082	ug/L			11/22/19 10:24	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/22/19 10:24	1
Bromoform	<0.50		0.50	0.17	ug/L			11/22/19 10:24	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/22/19 10:24	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/22/19 10:24	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 10:24	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/22/19 10:24	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/22/19 10:24	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/22/19 10:24	1
Chloroform	<0.50		0.50	0.20	ug/L			11/22/19 10:24	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/22/19 10:24	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/22/19 10:24	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/22/19 10:24	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/22/19 10:24	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/22/19 10:24	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/22/19 10:24	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/22/19 10:24	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/22/19 10:24	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/22/19 10:24	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/22/19 10:24	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/22/19 10:24	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/22/19 10:24	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/22/19 10:24	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/22/19 10:24	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/22/19 10:24	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/22/19 10:24	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/22/19 10:24	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/22/19 10:24	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/22/19 10:24	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/22/19 10:24	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/22/19 10:24	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/22/19 10:24	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/22/19 10:24	1
Freon 113	<0.50		0.50	0.15	ug/L			11/22/19 10:24	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/22/19 10:24	1
2-Hexanone	<10		10	5.0	ug/L			11/22/19 10:24	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/22/19 10:24	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/22/19 10:24	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/22/19 10:24	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/22/19 10:24	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/22/19 10:24	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/22/19 10:24	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/22/19 10:24	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 10:24	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 10:24	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/22/19 10:24	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 10:24	1

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QC Sample Results

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

Job ID: 680-173836-1

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

Lab Sample ID: MB 680-597409/9
Matrix: Water
Analysis Batch: 597409

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			11/22/19 10:24	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/22/19 10:24	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/22/19 10:24	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/22/19 10:24	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/22/19 10:24	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/22/19 10:24	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/22/19 10:24	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/22/19 10:24	1
Toluene	<0.50		0.50	0.086	ug/L			11/22/19 10:24	1
trans-1,2-Dichloroethene	0.168	J	0.50	0.090	ug/L			11/22/19 10:24	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/22/19 10:24	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/22/19 10:24	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/22/19 10:24	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/22/19 10:24	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/22/19 10:24	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/22/19 10:24	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/22/19 10:24	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/22/19 10:24	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/22/19 10:24	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/22/19 10:24	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/22/19 10:24	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/22/19 10:24	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/22/19 10:24	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	94		70 - 130		11/22/19 10:24	1
1,2-Dichlorobenzene-d4	100		70 - 130		11/22/19 10:24	1

Lab Sample ID: LCS 680-597409/4
Matrix: Water
Analysis Batch: 597409

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Acetone	100	88.5		ug/L		88	70 - 130
Benzene	20.0	18.0		ug/L		90	70 - 130
Bromobenzene	20.0	18.6		ug/L		93	70 - 130
Bromoform	20.0	19.0		ug/L		95	70 - 130
Bromomethane	20.0	17.5		ug/L		87	70 - 130
Carbon tetrachloride	20.0	17.6		ug/L		88	70 - 130
Chlorobenzene	20.0	18.4		ug/L		92	70 - 130
Chlorobromomethane	20.0	20.9		ug/L		104	70 - 130
Chlorodibromomethane	20.0	18.9		ug/L		95	70 - 130
Chloroethane	20.0	17.5		ug/L		88	70 - 130
Chloroform	20.0	18.7		ug/L		93	70 - 130
Chloromethane	20.0	19.2		ug/L		96	70 - 130
2-Chlorotoluene	20.0	17.8		ug/L		89	70 - 130
4-Chlorotoluene	20.0	17.9		ug/L		90	70 - 130
cis-1,2-Dichloroethene	20.0	19.3		ug/L		96	70 - 130

Eurofins TestAmerica, Savannah

QC Sample Results

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

Job ID: 680-176636-1

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

Lab Sample ID: LCS 680-597409/4

Matrix: Water

Analysis Batch: 597409

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	18.9		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/L		96	70 - 130
Dibromomethane	20.0	18.4		ug/L		92	70 - 130
1,2-Dichlorobenzene	20.0	18.3		ug/L		92	70 - 130
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130
Dichlorobromomethane	20.0	17.7		ug/L		89	70 - 130
Dichlorodifluoromethane	20.0	16.9		ug/L		84	70 - 130
1,1-Dichloroethane	20.0	19.6		ug/L		98	70 - 130
1,2-Dichloroethane	20.0	17.0		ug/L		85	70 - 130
1,1-Dichloroethene	20.0	19.3		ug/L		97	70 - 130
1,2-Dichloropropane	20.0	18.5		ug/L		92	70 - 130
1,3-Dichloropropane	20.0	18.2		ug/L		91	70 - 130
2,2-Dichloropropane	20.0	19.2		ug/L		96	70 - 130
1,1-Dichloropropene	20.0	18.1		ug/L		90	70 - 130
1,3-Dichloropropene, Total	40.0	37.5		ug/L		94	70 - 130
Diisopropyl ether	20.0	19.4		ug/L		97	70 - 130
Ethylbenzene	20.0	17.6		ug/L		88	70 - 130
Ethylene Dibromide	20.0	18.8		ug/L		94	70 - 130
Freon 113	20.0	19.8		ug/L		99	70 - 130
Hexachlorobutadiene	20.0	18.5		ug/L		93	70 - 130
2-Hexanone	100	83.9		ug/L		84	70 - 130
Isopropylbenzene	20.0	18.2		ug/L		91	70 - 130
4-Isopropyltoluene	20.0	18.5		ug/L		92	70 - 130
Methylene Chloride	20.0	18.0		ug/L		90	70 - 130
2-Butanone (MEK)	100	93.4		ug/L		93	70 - 130
4-Methyl-2-pentanone (MIBK)	100	84.9		ug/L		85	70 - 130
m-Xylene & p-Xylene	20.0	17.3		ug/L		86	70 - 130
Naphthalene	20.0	20.3		ug/L		101	70 - 130
n-Butylbenzene	20.0	18.1		ug/L		90	70 - 130
N-Propylbenzene	20.0	17.9		ug/L		90	70 - 130
o-Xylene	20.0	17.7		ug/L		88	70 - 130
sec-Butylbenzene	20.0	18.4		ug/L		92	70 - 130
Styrene	20.0	18.7		ug/L		93	70 - 130
Tert-amyl methyl ether	20.0	20.4		ug/L		102	70 - 130
tert-Butyl alcohol	200	163		ug/L		81	70 - 130
tert-Butylbenzene	20.0	18.1		ug/L		91	70 - 130
Tert-butyl ethyl ether	20.0	19.2		ug/L		96	70 - 130
1,1,1,2-Tetrachloroethane	20.0	17.9		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.3		ug/L		87	70 - 130
Tetrachloroethene	20.0	18.0		ug/L		90	70 - 130
Toluene	20.0	18.7		ug/L		93	70 - 130
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	70 - 130
1,2,3-Trichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		99	70 - 130
1,1,1-Trichloroethane	20.0	17.8		ug/L		89	70 - 130
1,1,2-Trichloroethane	20.0	18.5		ug/L		92	70 - 130
Trichloroethene	20.0	18.2		ug/L		91	70 - 130

Eurofins TestAmerica, Savannah



QC Sample Results

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

Job ID: 600-178836-1

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

Lab Sample ID: LCS 680-597409/4 Client Sample ID: Lab Control Sample
Matrix: Water Prep Type: Total/NA
Analysis Batch: 597409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	20.0	18.9		ug/L		94	70 - 130
1,2,3-Trichloropropane	20.0	16.9		ug/L		84	70 - 130
Trihalomethanes, Total	80.0	74.3		ug/L		93	70 - 130
1,2,4-Trimethylbenzene	20.0	18.3		ug/L		92	70 - 130
1,3,5-Trimethylbenzene	20.0	18.2		ug/L		91	70 - 130
Vinyl chloride	20.0	18.0		ug/L		90	70 - 130
Xylenes, Total	40.0	34.9		ug/L		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	110		70 - 130
1,2-Dichlorobenzene-d4	100		70 - 130

Lab Sample ID: LCS 680-597409/5 Client Sample ID: Lab Control Sample Dup
Matrix: Water Prep Type: Total/NA
Analysis Batch: 597409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	92.4		ug/L		92	70 - 130	4	20
Benzene	20.0	18.3		ug/L		92	70 - 130	2	20
Bromobenzene	20.0	19.3		ug/L		96	70 - 130	4	20
Bromoform	20.0	20.2		ug/L		101	70 - 130	6	20
Bromomethane	20.0	18.9		ug/L		94	70 - 130	8	20
Carbon tetrachloride	20.0	18.3		ug/L		91	70 - 130	4	20
Chlorobenzene	20.0	19.0		ug/L		95	70 - 130	3	20
Chlorobromomethane	20.0	21.5		ug/L		108	70 - 130	3	20
Chlorodibromomethane	20.0	19.0		ug/L		95	70 - 130	0	20
Chloroethane	20.0	18.0		ug/L		90	70 - 130	3	20
Chloroform	20.0	19.3		ug/L		97	70 - 130	4	20
Chloromethane	20.0	19.4		ug/L		97	70 - 130	1	20
2-Chlorotoluene	20.0	18.5		ug/L		92	70 - 130	4	20
4-Chlorotoluene	20.0	18.6		ug/L		93	70 - 130	4	20
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	70 - 130	3	20
cis-1,3-Dichloropropene	20.0	19.4		ug/L		97	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	70 - 130	4	20
Dibromomethane	20.0	18.4		ug/L		92	70 - 130	0	20
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	4	20
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	70 - 130	6	20
1,4-Dichlorobenzene	20.0	19.3		ug/L		96	70 - 130	4	20
Dichlorobromomethane	20.0	18.3		ug/L		91	70 - 130	3	20
Dichlorodifluoromethane	20.0	17.4		ug/L		87	70 - 130	3	20
1,1-Dichloroethane	20.0	19.7		ug/L		99	70 - 130	1	20
1,2-Dichloroethane	20.0	17.5		ug/L		88	70 - 130	3	20
1,1-Dichloroethene	20.0	20.3		ug/L		102	70 - 130	5	20
1,2-Dichloropropane	20.0	18.3		ug/L		92	70 - 130	1	20
1,3-Dichloropropane	20.0	18.9		ug/L		94	70 - 130	4	20
2,2-Dichloropropane	20.0	19.2		ug/L		96	70 - 130	0	20
1,1-Dichloropropene	20.0	18.4		ug/L		92	70 - 130	1	20
1,3-Dichloropropene, Total	40.0	38.4		ug/L		96	70 - 130	2	20

Eurofins TestAmerica, Savannah

QC Sample Results

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

Job ID: 680-176836-1

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

Lab Sample ID: LCSD 680-597409/5 Client Sample ID: Lab Control Sample Dup
Matrix: Water Prep Type: Total/NA
Analysis Batch: 597409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diisopropyl ether	20.0	19.3		ug/L		96	70 - 130	1	20
Ethylbenzene	20.0	18.4		ug/L		92	70 - 130	4	20
Ethylene Dibromide	20.0	19.3		ug/L		96	70 - 130	2	20
Freon 113	20.0	20.0		ug/L		100	70 - 130	1	20
Hexachlorobutadiene	20.0	19.5		ug/L		98	70 - 130	5	20
2-Hexanone	100	86.8		ug/L		87	70 - 130	3	20
Isopropylbenzene	20.0	19.3		ug/L		96	70 - 130	6	20
4-Isopropyltoluene	20.0	19.5		ug/L		97	70 - 130	5	20
Methylene Chloride	20.0	18.1		ug/L		90	70 - 130	0	20
2-Butanone (MEK)	100	99.6		ug/L		100	70 - 130	6	20
4-Methyl-2-pentanone (MIBK)	100	86.4		ug/L		86	70 - 130	2	20
m-Xylene & p-Xylene	20.0	18.2		ug/L		91	70 - 130	5	20
Naphthalene	20.0	21.7		ug/L		108	70 - 130	7	20
n-Butylbenzene	20.0	19.0		ug/L		95	70 - 130	5	20
N-Propylbenzene	20.0	19.0		ug/L		95	70 - 130	6	20
o-Xylene	20.0	18.5		ug/L		93	70 - 130	5	20
sec-Butylbenzene	20.0	19.3		ug/L		96	70 - 130	4	20
Styrene	20.0	19.5		ug/L		97	70 - 130	4	20
Tert-amyl methyl ether	20.0	20.4		ug/L		102	70 - 130	0	20
tert-Butyl alcohol	200	172		ug/L		86	70 - 130	6	20
tert-Butylbenzene	20.0	19.0		ug/L		95	70 - 130	5	20
Tert-butyl ethyl ether	20.0	19.5		ug/L		98	70 - 130	2	20
1,1,1,2-Tetrachloroethane	20.0	18.3		ug/L		91	70 - 130	2	20
1,1,2,2-Tetrachloroethane	20.0	17.7		ug/L		89	70 - 130	2	20
Tetrachloroethene	20.0	19.1		ug/L		95	70 - 130	6	20
Toluene	20.0	19.1		ug/L		96	70 - 130	2	20
trans-1,2-Dichloroethene	20.0	20.8		ug/L		104	70 - 130	6	20
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	70 - 130	2	20
1,2,3-Trichlorobenzene	20.0	21.0		ug/L		105	70 - 130	7	20
1,2,4-Trichlorobenzene	20.0	20.0		ug/L		100	70 - 130	1	20
1,1,1-Trichloroethane	20.0	18.4		ug/L		92	70 - 130	3	20
1,1,2-Trichloroethane	20.0	18.9		ug/L		94	70 - 130	2	20
Trichloroethene	20.0	19.1		ug/L		95	70 - 130	5	20
Trichlorofluoromethane	20.0	19.7		ug/L		99	70 - 130	5	20
1,2,3-Trichloropropane	20.0	17.5		ug/L		87	70 - 130	3	20
Trihalomethanes, Total	80.0	76.8		ug/L		96	70 - 130	3	20
1,2,4-Trimethylbenzene	20.0	19.2		ug/L		96	70 - 130	5	20
1,3,5-Trimethylbenzene	20.0	19.2		ug/L		96	70 - 130	6	20
Vinyl chloride	20.0	17.8		ug/L		89	70 - 130	1	20
Xylenes, Total	40.0	36.7		ug/L		92	70 - 130	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	110		70 - 130
1,2-Dichlorobenzene-d4	102		70 - 130

QC Association Summary

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

Job ID: 680-176836-1

GC/MS VOA

Analysis Batch: 597409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-176836-1	RFW-20	Total/NA	Water	524.2	
680-176836-2	RFW-21	Total/NA	Water	524.2	
680-176836-3	HAMP-22	Total/NA	Water	524.2	
680-176836-4	HAMP-23	Total/NA	Water	524.2	
680-176836-5	Trip Blank	Total/NA	Water	524.2	
MB 680-597409/9	Method Blank	Total/NA	Water	524.2	
LCS 680-597409/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-597409/5	Lab Control Sample Dup	Total/NA	Water	524.2	



Lab Chronicle

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

Job ID: 680-176836-1

Client Sample ID: RFW-20

Lab Sample ID: 680-176836-1

Date Collected: 11/11/19 09:00

Matrix: Water

Date Received: 11/13/19 09:20

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	597409	11/22/19 17:23	P1C	TAL SAV
Instrument ID: CMSU										

Client Sample ID: RFW-21

Lab Sample ID: 680-176836-2

Date Collected: 11/11/19 08:00

Matrix: Water

Date Received: 11/13/19 09:20

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	597409	11/22/19 15:20	P1C	TAL SAV
Instrument ID: CMSU										

Client Sample ID: HAMP-22

Lab Sample ID: 680-176836-3

Date Collected: 11/12/19 09:50

Matrix: Water

Date Received: 11/13/19 09:20

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	597409	11/22/19 15:44	P1C	TAL SAV
Instrument ID: CMSU										

Client Sample ID: HAMP-23

Lab Sample ID: 680-176836-4

Date Collected: 11/12/19 09:45

Matrix: Water

Date Received: 11/13/19 09:20

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	597409	11/22/19 16:09	P1C	TAL SAV
Instrument ID: CMSU										

Client Sample ID: Trip Blank

Lab Sample ID: 680-176836-5

Date Collected: 11/11/19 07:00

Matrix: Water

Date Received: 11/13/19 09:20

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	597409	11/22/19 12:02	P1C	TAL SAV
Instrument ID: CMSU										

Laboratory References:

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



Eurofins TestAmerica, Savannah

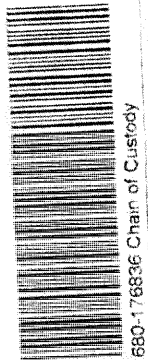
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0155

Chain of Custody Record

eurofins

Environmental Testing
Registration

Client Information Client Contact: <u>Greg Flawski</u> Company: <u>Weston Solutions, Inc.</u> Address: <u>1400 Weston Way PO BOX 2653</u> City: <u>West Chester</u> State: <u>PA</u> Zip: <u>19380</u> Phone: <u>610-701-3779 (Tel)</u> Email: <u>Greg.Flawski@westonsolutions.com</u> Project Name: <u>Quarterly</u> Site:		Lab P.I.: <u>Speaks, Jessica R.</u> E-Mail: <u>Jessica.speaks@testamerica.com</u> Lab #: Project #: S.S.O.#:	
Due Date Requested: TAT Requested (days): PO #: Project #: S.S.O.#:		Analysis Requested 5242 Preserved - (MOD) Custom Sublist Template <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> 5242 Preserved - (MOD) Custom Sublist Template <input checked="" type="checkbox"/>	
Sample Identification RFW-20 RFW-21 HAMP-22 HAMP-23 TFO Blank		Sample Date 11/11/19 11/11/19 11/12/19 11/12/19 11/11/19	
Sample Time 900 800 950 945 700		Sample Type G I I I I	
Matrix Water Water Water Water Water		Preservation Code A X Y Y X	
Possible Hazard Identification <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"/> Radiological		Deliverable Requested: I, II, III, IV, Other (Specify)	
Empty Kit Acquired by: <u>[Signature]</u> Returned by: <u>[Signature]</u> Reimbursement by:		Date/Time: 11/12/19 1600 Date/Time: 11/13/19 930	
Company: <u>Weston</u>		Company: <u>Weston</u>	
Custody Seal: Intact A Yes 1 No		Cooler Temperature and Other Remarks: 1.8/19	



Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: C90-176836-1

Login Number: 176836

List Source: Eurofins TestAmerica, Savannah

List Number: 1

Creator: Weston, Pamela

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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 $<6\text{mm}$ (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: 680-176836-1

Laboratory: Eurofins TestAmerica, Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Maryland	State Program	250	12-31-20



