Quarterly Groundwater Monitoring Report

Prepared for

Black & Decker (U.S.) Inc.

Hampstead, Maryland

October 2017

Prepared by

WESTON SOLUTIONS, INC.

West Chester, Pennsylvania 19380-1499

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1. INTRODUCTION

This Groundwater Monitoring Report has been prepared to meet the requirements of Condition IV.G of the Administrative Consent Order between the State of Maryland Department of the Environment (MDE) and Black & Decker (U.S.) Inc. (April 1995) (Consent Order). Specifically, Condition IV.G calls for preparation of a Groundwater Monitoring Report containing the following information for each reporting period:

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

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

2. SITE CHARACTERISTICS

2.1 HYDRAULIC PROPERTIES

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of July through September 2017.

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 July through September 2017, the extraction wells were pumping at an average combined rate of approximately 148 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 July through September 2017 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July through September 2017, approximately 7.23 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) (65.1 %) and tetrachloroethene (PCE) (34.9 %). Analytical results of the groundwater collected from the air stripper for the period of July through September 2017 are included in Appendix C.

A summary of the analytical results from the third quarter (August 2017) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete

Table 2-1
Treatment System Pumping Records - 3rd Quarter 2017
Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
July 2017	6,388,023
August 2017	6,260,425
September 2017	5,968,433

Table 2-2
Groundwater Elevation Data - 3rd Quarter 2017
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	7/7/2017		8/2/2017		9/8/2017	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	89.40	759.81	89.50	759.71	89.75	759.46
EW-3	846.64	118	95.00	751.64	96.60	750.04	96.50	750.14
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	92.00	772.17	91.72	772.45	92.24	771.93
EW-6	831.98	115	104.20	727.78	105.00	726.98	105.00	726.98
EW-7	818.38	78	72.43	745.95	73.55	744.83	73.69	744.69
EW-8	811.13	98	90.95	720.18	92.00	719.13	92.00	719.13
EW-9	811.35	141	103.00	708.35	101.50	709.85	103.00	708.35
EW-10	807.74	INA	60.59	747.15	62.50	745.24	62.79	744.95
RFW-1A	864.37	78	53.86	810.51	54.26	810.11	54.34	810.03
RFW-1B	864.23	200	53.89	810.34	54.28	809.95	54.39	809.84
RFW-2A	857.41	35	17.43	839.98	17.70	839.71	17.84	839.57
RFW-2B	857.73	75	18.15	839.58	18.45	839.28	18.59	839.14
RFW-3B	839.21	153	35.90	803.31	36.86	802.35	36.84	802.37
RFW-4A	830.37	62	37.25	793.12	37.70	792.67	37.72	792.65
RFW-4B	830.37	120	37.09	793.28	37.50	792.87	37.58	792.79
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	5.27	779.77	4.16	780.88	4.43	780.61
RFW-7	805.14	29	7.07	798.07	6.69	798.45	6.58	798.56
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.68	834.34	28.18	833.84	28.24	833.78
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	64.98	784.64	65.63	783.99	65.47	784.15
RFW-12B	844.87	264	60.35	784.52	50.45	794.42	51.02	793.85
RFW-13	849.11	150	66.25	782.86	66.37	782.74	66.43	782.68
RFW-14B	812.39	281	56.37	756.02	56.25	756.14	56.60	755.79
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	26.82	807.84	27.65	807.01	27.54	807.12
RFW-20	842.49	142	34.96	807.53	35.75	806.74	35.63	806.86
RFW-21	832.65	102	22.94	809.71	23.52	809.13	23.41	809.24
PH-7	805.94	89	30.24	775.70	30.72	775.22	30.62	775.32
PH-9	814.94	98	52.08	762.86	52.48	762.46	52.56	762.38
PH-11	820.68	78	52.43	768.25	53.61	767.07	53.73	766.95
PH-12	828.35	87	51.85	776.50	52.09	776.26	52.11	776.24
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	1.89	803.07	2.74	802.22	1.69	803.27
Pembroke #1	INA	INA	10.56	NC	10.75	NC	11.02	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	10.83	NC	11.19	NC	11.25	NC
E. Century St.	INA	INA	19.26	NC	19.26	NC	19.22	NC
Lwr. Beckleys. Rd.	INA	INA	54.77	NC	55.04	NC	55.51	NC

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

Table 2-3
Effluent Characteristics Summary - 3rd Quarter 2017
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE		
					July 2017	August 2017	September 2017
001	FLOW	average	MGD	NA	0.185	0.244	0.134
		maximum	MGD	NA	1.255	0.912	0.666
	1,1,1-Trichloroethane		ug/l	5	< 1	< 1	< 1
	Tetrachloroethylene		ug/l	5	< 1	< 1	< 1
	Trichloroethylene		ug/l	5	< 1	< 1	< 1
	Total Residual Chlorine		mg/l	< 0.1	< 0.1	< 0.1	< 0.1
	Oil & Grease	maximum	mg/l	15	< 5	< 5	< 5
		monthly average	mg/l	10	< 5	< 5	< 5
	pH	minimum	STD	6.0	7.9	7.2	6.8
		maximum	STD	8.5	8.3	8.3	7.2
	BOD		mg/l	15	7.0	5.0	9.0
	TSS	maximum	mg/l	30	7	10	8
		monthly average	mg/l	20	13	4	8
101 (Monitoring Point)	FLOW	average	MGD	NA	0.022	0.232	0.036
		maximum	MGD	NA	0.220	2.0	0.440
	Fecal Coliform		MPN/100ml	200	1.0	1.4	< 1
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.202
		maximum	MGD	NA	NR	NR	0.246
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1

DMR - Discharge Monitoring Report
NA - Not Applicable
NR - Not Reported

Table 2-4
Summary of Groundwater Analytical Results - August 2017
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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	7	5 U	5 U	5 U	5.2	5 U	5 U	5.8	5 U
Carbon Disulfide	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-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	0.6 J	0.9 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.2	2.1	1 U	1 U	1 U	7.1	34	1 U	1 U	1 U
Chloroform	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-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	99	28	180	81	5.5	4.5	7.7	0.6	0.7	1 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	1 U	0.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	53	1.3	4	2.2	8.6	11	66	70	72	1.8
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	1 U	0.2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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 - August 2017
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	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
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	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Acetone	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
Carbon Disulfide	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-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	0.7 J	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	0.5 J	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1.1	1 J	3.5	NS	1 U	1 U	NS	16	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.1 J	1.1 J	1.7 J	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	0.7	0.7	1 U	31	31	61	NS	1.1	1.2	NS	8.5	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	9.5	9.7	78	NS	1.2	1 U	NS	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	1	1	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 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	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
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
NS = Not sampled
U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.
J = Indicates an estimated value.

Table 2-4
Summary of Groundwater Analytical Results - August 2017
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 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	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	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	1 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	6.7 J	6.3 J	10 U	5.9 J	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.2	1.3	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.25 J	0.05 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	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	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 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	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	2.7	160	2.8	NS	1 U	ABD	ABD	ABD	1 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	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	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	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	14	16	NS	0.4 J	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.41 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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

RFW -20 was not sampled because it was damaged. The well is now repaired and will be sampled during the 4th quarter.

analytical data package is included in Appendix D.

As found in earlier sampling events at the Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentration of TCE was detected in the groundwater samples collected from wells RFW-12B and EW-4, the highest concentration of PCE was detected in the groundwater sample collected from RFW-4B and EW-9. 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 (July through September 2017) 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 - 3rd Quarter 2017
Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
Sep-17	Replace the pitless adaptor in well EW-7. The well is back online.
Sep-17	EW-2 was off for a day to repair a leaking fitting, the well is back online.

4. RECOMMENDATIONS

For the reporting period of July through September 2017, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(JULY – SEPTEMBER 2017)

ENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

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

Facility: BTR Capital Group (MD0001881)
Address: 627 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Garrett Scheller 2500, Dorrance Jones 0763,Keith White 4609, Chris Dallas 6202,Andrew Bradley 0780

Superintendent: David Coale Certification # 1662

Month: July
Year: 2017

Final Effluent outfall 001																Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylen ug/l	1,1-Trichloroetha ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.07900														0.000000		3"	0.0	0.0	0.0				0.182333	DJ
2	Clear	0.16800														0.000000		2"	0.0	0.0	0.0				0.222715	DJ
3	Clear	0.10500	8.28	0.00												0.000000		2"	0.0	0.0	0.0				0.209278	GS
4	Clear	0.09100	8.14	0.00												0.000000		2"	0.0	0.0	0.0				0.189726	GS
5	Clear	0.12200														0.000000		2"	0.0	0.0	0.0				0.222116	GS
6	Clear	0.09600														0.007000	<1	2"	5.0	1.0	5.0				0.167414	KW
7	Clear	0.52000														0.000000		2"	0.0	0.0	0.0				0.235374	KW
8	Clear	0.14200														0.000000		2"	0.0	0.0	0.0				0.210686	GS
9	Clear	0.11200														0.000000		2"	0.0	0.0	0.0				0.206848	GS
10	Clear	0.09200														0.000000		3"	0.0	0.0	0.0				0.204005	GS
11	Clear	0.06900	7.97	0.00	<1	<1	<1	7.00	12.8	1.35	0.36	0.11	1.7	<5	1.0	0.001000	<1	3"	5.0	1.0	5.0	<1	<1	<1	0.167732	GS
12	Clear	0.08700	8.15	0.00												0.000000		3"	5.0	1.0	5.0				0.242565	GS
13	Clear	0.07700														0.000000		3"	5.0	1.0	5.0				0.202961	GS
14	Clear	0.09000														0.012000		3"	5.0	1.0	5.0				0.204379	GS
15	Clear	0.27400														0.000000		3"	0.0	0.0	0.0				0.202544	AB
16	Clear	0.08600														0.000000		3"	0.0	0.0	0.0				0.201303	AB
17	Clear	0.06600	8.05	0.00												0.000000		3"	0.0	0.0	0.0				0.193808	CD
18	Clear	0.10800	7.92	0.00												0.013000	<1	2"	5.0	1.0	5.0				0.186631	GS
19	Clear	0.09100														0.000000		2"	0.0	0.0	0.0				0.244442	CD
20	Clear	0.05900														0.000000		2"	0.0	0.0	0.0				0.196748	CD
21	Clear	0.06200														0.000000		2"	0.0	0.0	0.0				0.204211	CD
22	Clear	0.05200														0.000000		2"	0.0	0.0	0.0				0.182505	DJ
23	Clear	0.11100														0.000000		0"	0.0	0.0	0.0				0.235433	DJ
24	Clear	0.46800														0.000000		0"	0.0	0.0	0.0				0.203798	GS
25	Clear	0.08600	8.08	0.00												0.013000	<1	1"	5.0	1.0	5.0				0.164088	GS
26	Clear	0.08600	8.22	0.00												0.022000		3"	5.0	1.0	5.0				0.240556	GS
27	Clear	0.06100														0.000000		3"	0.0	0.0	0.0				0.191627	AB
28	Clear	0.42500														0.000000		3"	0.0	0.0	0.0				0.202517	AB
29	Clear	1.25500														0.000000		1"	0.0	0.0	0.0				0.183440	GS
30	Clear	0.45000														0.000000		1"	0.0	0.0	0.0				0.229714	GS
31	Clear	0.15100														0.000000		1"	0.0	0.0	0.0				0.206526	GS
Total		5.74100														0.068000									6.338023	
Average		0.18519		<0.10	0	0	0	7	13	1	0	0	2	0	1	0.002194	1.0	#######	1.3	0.3	1.3	0.0	0.0	0.0	0.204452	
Minimum		0.05200	7.9	0.00	0	0	0	7	13	1	0	0	2	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.164088	MOR

ENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 2123(

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

Facility: BTR Capital Group (MD0001881)
Address: 627 Hanover Pike, Hampstead Maryland

Superintendent: David Coale Certification # 1662

Additional Op's & cert # - Garrett Scheller 2500, Chris Dallas 6202, Dorrance Jones 0763,Andrew Bradley 0780,Alexander Storms 2095,Martin Whitt 0666

Month: August
Year: 2017

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethan ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.10000	8.16	0.00												0.006000	<1	1"	5.0	1.0	5.0				0.167372	G. Scheller
2	Clear	0.14900	8.31	0.00												0.000000		2"	0.0	0.0	0.0				0.242460	G. Scheller
3	Clear	0.11200														0.000000		2"	0.0	0.0	0.0				0.201742	G. Scheller
4	Clear	0.09200														0.000000		2"	0.0	0.0	0.0				0.202720	G. Scheller
5	Clear	0.35900														0.000000		2"	0.0	0.0	0.0				0.204617	A.Bradley
6	Clear	0.10900														0.000000		2"	0.0	0.0	0.0				0.202637	A.Bradley
7	Clear	0.17500	8.30	0.00												0.000000		2"	0.0	0.0	0.0				0.198512	C. Dallas
8	Clear	0.26500	8.20	0.00	<1	<1	<1	5.00	4.40	0.85	0.78	<0.5	1.6	<5	<1	0.014000	6.40	2"	0.0	0.0	0.0				0.204878	M Whitt
9	Clear	0.10700														0.000000		2"	0.0	0.0	0.0				0.203034	C. Dallas
10	Clear	0.81800														0.000000		2"	0.0	0.0	0.0				0.202269	K. White
11	Clear	0.91200														0.000000		2"	0.0	0.0	0.0				0.204510	K. White
12	Clear	0.58000														0.000000		3"	0.0	0.0	0.0				0.180390	D.Jones
13	Clear	0.13600														0.000000		3"	0.0	0.0	0.0				0.230496	D.Jones
14	Clear	0.08500	8.15	0.00												0.000000		3"	0.0	0.0	0.0				0.198355	G. Scheller
15	Clear	0.22400	7.95	0.00												0.020000	<1	2"	5.0	1.0	5.0				0.169784	G. Scheller
16	Clear	0.51500														0.000000		2"	0.0	0.0	0.0				0.235640	G. Scheller
17	Clear	0.15400														0.000000		1"	0.0	0.0	0.0				0.199253	G. Scheller
18	Clear	0.13900														0.000000		1"	0.0	0.0	0.0				0.199476	G. Scheller
19	Clear	0.52300														0.000000		1"	0.0	0.0	0.0				0.215750	C. Dallas
20	Clear	0.35000														0.000000		1"	0.0	0.0	0.0				0.193492	C. Dallas
21	Clear	0.14400	7.43	0.00												0.000000		1"	0.0	0.0	0.0				0.201365	G. Scheller
22	Clear	0.10000	7.24	0.00												0.017000	<1	2"	5.0	1.0	5.0				0.166527	G. Scheller
23	Clear	0.47000														0.000000		2"	0.0	0.0	0.0				0.234612	G. Scheller
24	Clear	0.15200														0.000000		2"	0.0	0.0	0.0				0.200834	K. White
25	Clear	0.08200														0.000000		2"	0.0	0.0	0.0				0.200300	K. White
26	Clear	0.09200														0.000000		2"	0.0	0.0	0.0				0.202447	G. Scheller
27	Clear	0.07400														0.000000		2"	0.0	0.0	0.0				0.195397	G. Scheller
28	Clear	0.09200	7.59	0.00												0.000000		2"	0.0	0.0	0.0				0.202559	A.Bradley
29	Clear	0.07600	7.50	0.00												0.015000	<1	2"	0.0	0.0	0.0				0.169263	G. Scheller
30	Clear	0.26500														0.000000		0"	0.0	0.0	0.0				0.235428	A.Storms
31	Clear	0.10200														0.000000		1"	0.0	0.0	0.0				0.194306	A.Storms
Total		7.55300														0.072000									6.260425	
Average		0.24365		<0.10	0	0	0	5	4	1	1	0	2	0	1	0.002323	1.4	#######	0.5	0.1	0.5	#DIV/0!	#DIV/0!	#DIV/0!	0.201949	
Minimum		0.07400	7.2	0.00	0	0	0	5	4	1	1	0	2	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.166527	MOR

ENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

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

Facility: BTR Capital Group (MD0001881)
Address: 627 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Garrett Scheller 2500, Chris Dallas 6202, Dorrance Jones 0763,Keith White 4609,Andrew Bradley 0780

Superintendent: David Coale Certification # 1662

Month: September
Year: 2017

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethan ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.12300														0.000000		1"	0.0	0.0	0.0				0.206321	G. Scheller
2	Rain	0.10100														0.000000		1"	0.0	0.0	0.0				0.196062	A.Bradley
3	Clear	0.24400														0.000000		1"	0.0	0.0	0.0				0.199521	A.Bradley
4	Clear	0.10900	7.15	0.00												0.000000		1"	0.0	0.0	0.0				0.192933	G. Scheller
5	Clear	0.10400	7.06	0.00												0.000000		2"	0.0	0.0	0.0				0.204857	G. Scheller
6	Clear	0.66600														0.044000	3.10	2"	5.0	5.0	0.0				0.150812	C. Dallas
7	Clear	0.57200														0.000000		2"	0.0	0.0	0.0				0.246147	A.Bradley
8	Clear	0.15800														0.000000		1"	0.0	0.0	0.0				0.206824	G. Scheller
9	Clear	0.08800														0.000000		1"	0.0	0.0	0.0				0.166786	D.Jones
10	Clear	0.11900														0.000000		1"	0.0	0.0	0.0				0.231060	D.Jones
11	Clear	0.08400	6.85	0.00												0.000000		0"	0.0	0.0	0.0				0.194481	G. Scheller
12	Clear	0.05300	6.93	0.00												0.021000	<1	1"	5.0	1.0	5.0				0.165209	G. Scheller
13	Clear	0.07000														0.000000		1"	0.0.	0.0	0.0				0.209931	G. Scheller
14	Clear	0.09700														0.000000		1"	0.0.	0.0	0.0				0.211396	K. White
15	Clear	0.10900														0.000000		1"	0.0	0.0	0.0				0.195946	K. White
16	Clear	0.10200														0.000000		2"	0.0	0.0	0.0				0.210471	G. Scheller
17	Clear	0.09900														0.000000		2"	0.0	0.0	0.0				0.195176	G. Scheller
18	Clear	0.11500	7.09	0.00												0.000000		0"	0.0	0.0	0.0				0.200814	G. Scheller
19	Clear	0.08600	6.85	0.00	<1	<1	<1	8.92	7.60	0.763	1.02	<0.05	1.8	<5		0.026000		1"	5.0	1.0	5.0				0.161354	G. Scheller
20	Clear	0.11500														0.000000		1"	0.0	0.0	0.0				0.237605	G. Scheller
21	Clear	0.08800														0.000000		2"	0.0	0.0	0.0				0.189940	G. Scheller
22	Clear	0.09000														0.000000		2"	0.0	0.0	0.0				0.197324	G. Scheller
23	Clear	0.09000														0.000000		2"	0.0	0.0	0.0				0.210338	K. White
24	Clear	0.06300														0.000000		2"	0.0	0.0	0.0				0.153966	K. White
25	Clear	0.09800	6.78	0.00												0.000000		2"	0.0	0.0	0.0				0.229340	G. Scheller
26	Clear	0.06400	6.93	0.00												0.016000	<1	1"	5.0	1.0	5.0				0.160218	G. Scheller
27	Clear	0.08600														0.000000		1"	0.0	0.0	0.0				0.213937	Dave Coale
28	Clear	0.07000														0.000000		0"	0.0	0.0	0.0				0.213715	G. Scheller
29	Clear	0.07000														0.000000		0"	0.0	0.0	0.0				0.203536	G. Scheller
30	Clear	0.07600														0.000000		0"	0.0	0.0	0.0				0.212413	D.Jones
31																										
Total		4.00900														0.107000									5.968433	
Average		0.13363		<0.10	0	0	0	9	8	1	1	0	2	0	####	0.003567	1.5	######	0.7	0.3	0.5	#DIV/0!	#DIV/0!	#DIV/0!	0.198948	
Minimum		0.05300	6.8	0.00	0	0	0	9	8	1	1	0	2	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.150812	MOR

APPENDIX B
DISCHARGE MONITORING REPORTS
(JULY - SEPTEMBER 2017)

DMR Copy of Record

Permit

Permit #:	**MD0001881**	Permittee:	BTR HAMPSTEAD,LLC.	Facility:	BTR HAMPSTEAD, LLC.
Major:	No	Permittee Address:	626 HANOVER PIKE HAMPSTEAD, MD 21074	Facility Location:	626 HANOVER PIKE HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	Discharge:	**101-A** 07-DP-0022, TREATED SANITARY WASTEWATER		

Report Dates & Status

Monitoring Period:	**From 07/01/17 to 07/31/17**	DMR Due Date:	**10/28/17**	Status:	**NetDMR Validated**

Considerations for Form Completion

DISCHARGE SHALL BE LIMITED AND MONITORED AT END OF PHYSICAL/CHEMICAL PLANT DISCHARGE PIPE. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR PERSISTENT FOAM IN OTHER THAN TRACE AMOUNTS. PERSISTENT FOAM IS FOAM THAT DOES NOT DISSIPATE WITHIN ONE HALF-HOUR OF POINT OF DISCHARGE.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2194	=	22000	07 - gal/d									01/30 - Monthly	GR - GRAB
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								0	01/07 - Weekly	MS - MEASRD
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample										=	1	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.										<=	126 DAILY MX	30 - MPN/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
17BlackDeckerWWTP07.pdf	pdf	3827626

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY	Date/Time:	2017-08-25 14:34 (Time Zone: -04:00)
Name:	Jay Janney		
E-Mail:	jjann@menv.com		

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** 07-DP-0022, OUTFALL 001		

Report Dates & Status

Monitoring Period:	**From 07/01/17 to 07/31/17**	**DMR Due Date:**	**11/27/17**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

DISCHARGE SHALL BE LIMITED AND MONITORED AT OUTFALL PIPE FROM PROCESSRESERVOIR. FOR TOTAL RESIDUAL CHLORINE A FIELD MEASUREMENT OF LESS THAN 0.1 MG/L SHALL BE CONSIDERED TOBE WITHIN THE PERMIT LIMIT. SHALLBE NO DISCHARGE OF FLOATING SOLIDSOR PERSISTENT FOAM IN OTHER THAN TRACE AMOUNTS.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season	# Param.	NODI	Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample										=	7	19 - mg/L		01/30 - Monthly	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	7.9			=	8.3	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample			=	7	26 - lb/d			=	13	=	13	19 - mg/L		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d			<=	20 MO AVG	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	613	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	1435	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Permit Req.								<=	10 MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	1	26 - lb/d			=	2	=	2	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	82	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	1326	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	08 - COMP-8
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample				5	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample				5	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample											0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample											0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample		0.1852		1.255	03 - MGD									01/30 - Monthly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															
					Sample									0		0	19 - mg/L		01/30 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.								<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB

				Value NODI										
				Sample			1			30 - MPN/100mL		01/30 - Monthly		GR - GRAB
51040 E. coli	1 - Effluent Gross	0	--	Permit Req.			Req Mon MO AVG			30 - MPN/100mL	0	01/30 - Monthly		GR - GRAB
				Value NODI										
				Sample					0	28 - ug/L		01/30 - Monthly		GR - GRAB
78391 Trichloroethene	1 - Effluent Gross	0	--	Permit Req.				<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly		GR - GRAB
				Value NODI										

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
17BlackDeckerWWTP07.pdf	pdf	3827626

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY | Date/Time: 2017-08-25 14:34 (Time Zone: -04:00)

Name: Jay Janney

E-Mail: jjann@menv.com

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** 07-DP-0022, OUTFALL 001		

Report Dates & Status

Monitoring Period:	**From 08/01/17 to 08/31/17**	**DMR Due Date:**	**12/27/17**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

DISCHARGE SHALL BE LIMITED AND MONITORED AT OUTFALL PIPE FROM PROCESSRESERVOIR. FOR TOTAL RESIDUAL CHLORINE A FIELD MEASUREMENT OF LESS THAN 0.1 MG/L SHALL BE CONSIDERED TOBE WITHIN THE PERMIT LIMIT. SHALLBE NO DISCHARGE OF FLOATING SOLIDSOR PERSISTENT FOAM IN OTHER THAN TRACE AMOUNTS.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season	#	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
						Sample										=	5	19 - mg/L		01/30 - Monthly	GR - GRAB
00310 BOD, 5-day, 20 deg. C		1 - Effluent Gross	0	--		Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
						Sample						=	7.2			=	8.3	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400 pH		1 - Effluent Gross	0	--		Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
						Value NODI															
						Sample			=	10	26 - lb/d			=	4	=	4	19 - mg/L		01/30 - Monthly	GR - GRAB
00530 Solids, total suspended		1 - Effluent Gross	0	--		Permit Req.				Req Mon DAILY MX	26 - lb/d			<=	20 MO AVG	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
						Sample			=	277	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00530 Solids, total suspended		1 - Effluent Gross	1	--		Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
						Value NODI															
						Sample			=	1712	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00530 Solids, total suspended		1 - Effluent Gross	2	--		Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
						Value NODI															
						Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556 Oil & Grease		1 - Effluent Gross	0	--		Permit Req.								<=	10 MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
						Sample			=	4	26 - lb/d			=	2	=	2	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600 Nitrogen, total [as N]		1 - Effluent Gross	0	--		Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
						Value NODI															
						Sample			=	103	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00600 Nitrogen, total [as N]		1 - Effluent Gross	1	--		Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
						Value NODI															
						Sample			=	1429	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00600 Nitrogen, total [as N]		1 - Effluent Gross	2	--		Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
						Value NODI															
						Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	08 - COMP-8
00665 Phosphorus, tntal [as P]		1 - Effluent Gross	0	--		Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
						Value NODI															
						Sample			=	0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]		1 - Effluent Gross	1	--		Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
						Value NODI															
						Sample			=	5	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]		1 - Effluent Gross	2	--		Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
						Value NODI															
						Sample										=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475 Tetrachloroethylene		1 - Effluent Gross	0	--		Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
						Sample										=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506 1,1,1-Trichloroethane		1 - Effluent Gross	0	--		Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
						Sample	=	0.2436	=	0.912	03 - MGD									01/30 - Monthly	MS - MEASRD
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--		Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
						Value NODI															
						Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB

50060 Chlorine, total residual	1 - Effluent Gross	0	--	[redacted]		<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
51040 E. coli	1 - Effluent Gross	0	--	[redacted]		=	1 Req Mon MO AVG			30 - MPN/100mL 30 - MPN/100mL	 0	01/30 - Monthly 01/30 - Monthly	GR - GRAB GR - GRAB
78391 Trichloroethene	1 - Effluent Gross	0	--	[redacted]				=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
								<=	5 DAILY MX	28 - ug/L	0	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

Name	Type	Size
17BlackDeckerWWTP08.pdf	pdf	1716691

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY | Date/Time: 2017-09-21 08:16 (Time Zone: -04:00)

Name: Jay Janney

E-Mail: jjann@menv.com

[redacted]

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	**Discharge:**	**101-A** 07-DP-0022, TREATED SANITARY WASTEWATER		

Report Dates & Status

Monitoring Period:	**From 08/01/17 to 08/31/17**	**DMR Due Date:**	**10/28/17**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

DISCHARGE SHALL BE LIMITED AND MONITORED AT END OF PHYSICAL/CHEMICAL PLANT DISCHARGE PIPE. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR PERSISTENT FOAM IN OTHER THAN TRACE AMOUNTS. PERSISTENT FOAM IS FOAM THAT DOES NOT DISSIPATE WITHIN ONE HALF-HOUR OF POINT OF DISCHARGE.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	2323	=	20000	07 - gal/d									01/30 - Monthly	GR - GRAB
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								0	01/07 - Weekly	MS - MEASRD
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample											1.4	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.						<=	126	DAILY MX				30 - MPN/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
17BlackDeckerWWTP08.pdf	pdf	1716691

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY	**Date/Time:**	2017-09-21 08:17 (Time Zone: -04:00)
Name:	Jay Janney		
E-Mail:	jjann@menv.com		

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** 07-DP-0022, OUTFALL 001		

Report Dates & Status

Monitoring Period:	**From 09/01/17 to 09/30/17**	**DMR Due Date:**	**01/27/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

DISCHARGE SHALL BE LIMITED AND MONITORED AT OUTFALL PIPE FROM PROCESSRESERVOIR. FOR TOTAL RESIDUAL CHLORINE A FIELD MEASUREMENT OF LESS THAN 0.1 MG/L SHALL BE CONSIDERED TOBE WITHIN THE PERMIT LIMIT. SHALLBE NO DISCHARGE OF FLOATING SOLIDSOR PERSISTENT FOAM IN OTHER THAN TRACE AMOUNTS.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Sample										=	9	19 - mg/L		01/30 - Monthly	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	6.8			=	7.2	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample			=	5	26 - lb/d			=	8	=	8	19 - mg/L		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d			<=	20 MO AVG	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	254	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	1966	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Permit Req.								<=	10 MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	1	26 - lb/d			=	2	=	2	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	60	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	1488	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	08 - COMP-8
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	5	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample										=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample										=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample	=	0.1336	=	0.666	03 - MGD									01/30 - Monthly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.								<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	**Discharge:**	**101-A** 07-DP-0022, TREATED SANITARY WASTEWATER		

Report Dates & Status

Monitoring Period:	**From 09/01/17 to 09/30/17**	**DMR Due Date:**	**10/28/17**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

DISCHARGE SHALL BE LIMITED AND MONITORED AT END OF PHYSICAL/CHEMICAL PLANT DISCHARGE PIPE. THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR PERSISTENT FOAM IN OTHER THAN TRACE AMOUNTS. PERSISTENT FOAM IS FOAM THAT DOES NOT DISSIPATE WITHIN ONE HALF-HOUR OF POINT OF DISCHARGE.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Sample	=	3567	=	44000	07 - gal/d									01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								0	01/07 - Weekly	MS - MEASRD
					Value NODI															
					Sample										=	1.3	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	Permit Req.										<=	126 DAILY MX	30 - MPN/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
17BlackDeckerWWTP09.pdf	pdf	6153387

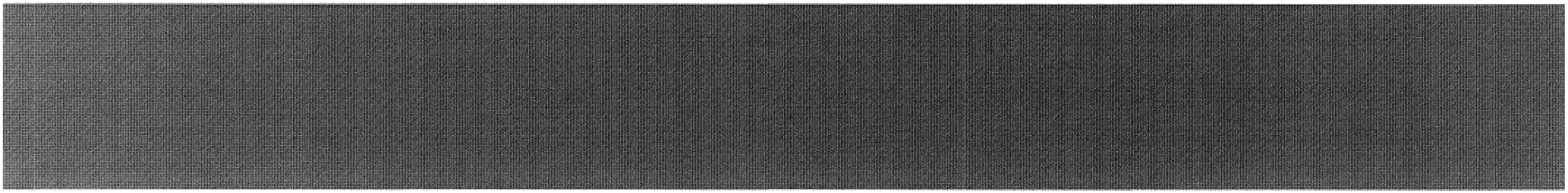
Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-10-26 08:21 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-10-26 08:23 (Time Zone: -04:00)



				Value NODI									
				Sample	=	5.3			30 - MPN/100mL		01/30 - Monthly		GR - GRAB
51040 E. coli	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG			30 - MPN/100mL	0	01/30 - Monthly		GR - GRAB
				Value NODI									
				Sample	=	0			28 - ug/L		01/30 - Monthly		GR - GRAB
78391 Trichloroethene	1 - Effluent Gross	0	--	Permit Req.	<=	5 DAILY MX			28 - ug/L	0	01/30 - Monthly		GR - GRAB
				Value NODI									

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
17BlackDeckerWWTP09.pdf	pdf	6153387

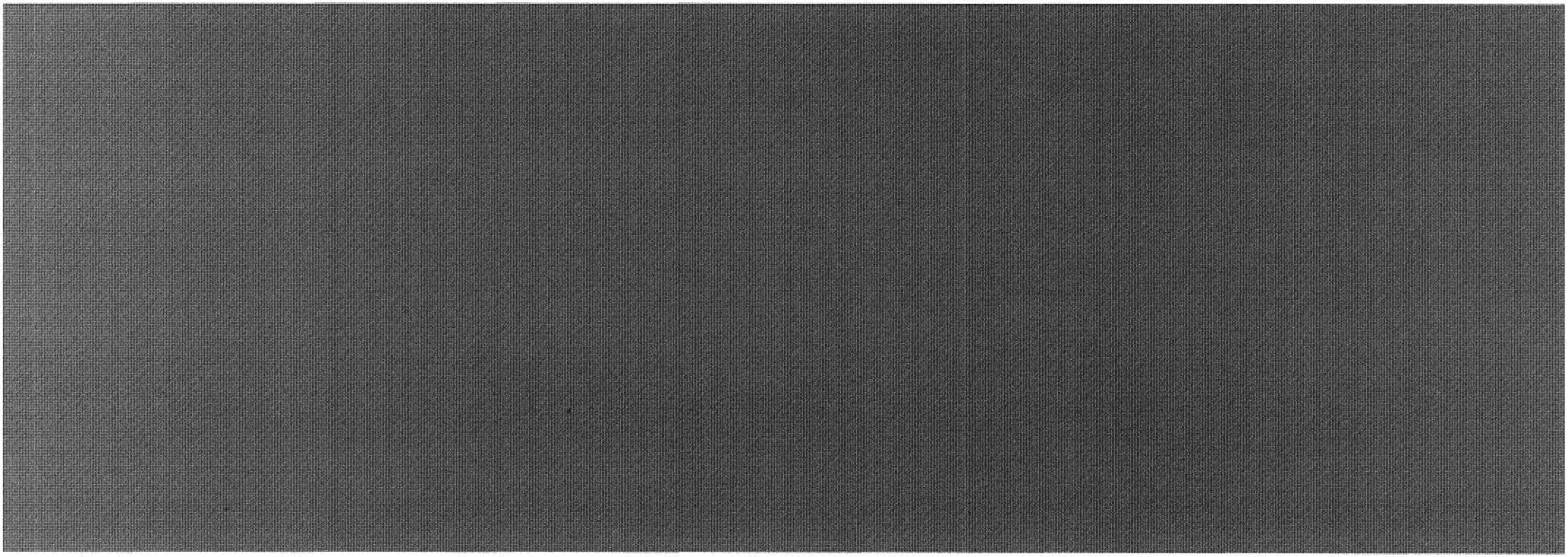
Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2017-10-26 08:20 (Time Zone: -04:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2017-10-26 08:23 (Time Zone: -04:00)



DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE HAMPSTEAD, MD 21074
Permitted Feature:	201 External Outfall	**Discharge:**	**201-A** 07-DP-0022, TREATED GROUND WATER		

Report Dates & Status

Monitoring Period:	**From 07/01/17 to 09/30/17**	**DMR Due Date:**	**10/28/17**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN EPA METHODS 624.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI	Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Sample								=	0	=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.									Req Mon MO AVG	<=	5 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample								=	0	=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.									Req Mon MO AVG	<=	5 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample	=	201814	=	246147	07 - gal/d									99/99 - Continuous	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon QRTR AVG		Req Mon DAILY MX	07 - gal/d									99/99 - Continuous	MS - MEASRD
					Value NODI															
					Sample								=	0	=	0	28 - ug/L		01/90 - Quarterly	GR - GRAB
51415	Volatile Organic Compound [VOC]	1 - Effluent Gross	0	--	Permit Req.									Req Mon QRTR AVG	<=	100 DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
					Sample								=	0	=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
78391	Trichloroethene	1 - Effluent Gross	0	--	Permit Req.									Req Mon MO AVG	<=	5 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
17BlackDeckerWWTP09.pdf	pdf	6153387

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-10-26 08:23 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-10-26 08:23 (Time Zone: -04:00)

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(JULY - SEPTEMBER 2017)

eurofins | QC

Analytical Report

Serialized: 08/02/2017 11:20am DE36

Order Number:	L6926420
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-25-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6926420

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/02/17 11:20 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6926420
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-25-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6926420-1 BTR 101 07/25/17 09:20am NA C Customer
Received Date/Time 07/25/17 12:55pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			07/25/17 02:02PM SUB

Sample Comments | Result Qualifiers:

L6926420-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6353725

eurofins | QC

Analytical Report

Serialized: 07/26/2017 05:37pm DE36

Order Number:	L6920865
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-18-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6920865

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/26/17 17:37 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6920865
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-18-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6920865-1 BTR 101 07/18/17 09:27am NA C Customer
Received Date/Time 07/18/17 01:15pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			07/18/17 02:07PM SUB

Sample Comments | Result Qualifiers:

L6920865-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6348866

eurofins | QC

Analytical Report

Serialized: 07/20/2017 03:47pm DE36

Order Number:	L6900470
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-11-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6900470

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/20/17 15:47 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number:	L6900470
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-11-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6900470-1	BTR 201	07/11/17 09:45am NA C	Customer

Received Date/Time/Temp 07/11/17 04:30pm 4.4 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
EPA METHOD 624

Sample Comments | Result Qualifiers:

L6900470-1 :

Sample Description: L6900470-1 Grab Wastewater
BTR 201
BTR 201

LL Sample # WW 9096553
LL Group # 1823730
Account # 21318

Project Name: L6900470

Collected: 07/11/2017 09:45 by BM

Submitted: 07/11/2017 19:19
Reported: 07/19/2017 18:27

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

2BTR1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	Benzene	71-43-2	N.D.	1	1
10371	Bromodichloromethane	75-27-4	N.D.	1	1
10371	Bromoform	75-25-2	N.D.	1	1
10371	Bromomethane	74-83-9	N.D.	1	1
10371	Carbon Tetrachloride	56-23-5	N.D.	1	1
10371	Chlorobenzene	108-90-7	N.D.	1	1
10371	Chloroethane	75-00-3	N.D.	1	1
10371	2-Chloroethyl Vinyl Ether	110-75-8	N.D. Q4	1	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10371	Chloroform	67-66-3	N.D.	1	1
10371	Chloromethane	74-87-3	N.D.	1	1
10371	Dibromochloromethane	124-48-1	N.D.	1	1
10371	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10371	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10371	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10371	1,1-Dichloroethane	75-34-3	N.D.	1	1
10371	1,2-Dichloroethane	107-06-2	N.D.	1	1
10371	1,1-Dichloroethene	75-35-4	N.D.	1	1
10371	trans-1,2-Dichloroethene	156-60-5	N.D.	1	1
10371	1,2-Dichloropropane	78-87-5	N.D.	1	1
10371	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10371	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10371	Ethylbenzene	100-41-4	N.D.	1	1
10371	Methylene Chloride	75-09-2	N.D.	1	1
10371	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	Toluene	108-88-3	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	1,1,2-Trichloroethane	79-00-5	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
10371	Trichlorofluoromethane	75-69-4	N.D.	1	1
10371	Vinyl Chloride	75-01-4	N.D.	1	1

Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	E171994AA	07/18/2017 22:46	Jason M Long	1

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: E171994AA	Sample number(s): 9096553	
Benzene	N.D.	1
Bromodichloromethane	N.D.	1
Bromoform	N.D.	1
Bromomethane	N.D.	1
Carbon Tetrachloride	N.D.	1
Chlorobenzene	N.D.	1
Chloroethane	N.D.	1
2-Chloroethyl Vinyl Ether	N.D.	1
Chloroform	N.D.	1
Chloromethane	N.D.	1
Dibromochloromethane	N.D.	1
1,2-Dichlorobenzene	N.D.	1
1,3-Dichlorobenzene	N.D.	1
1,4-Dichlorobenzene	N.D.	1
1,1-Dichloroethane	N.D.	1
1,2-Dichloroethane	N.D.	1
1,1-Dichloroethene	N.D.	1
trans-1,2-Dichloroethene	N.D.	1
1,2-Dichloropropane	N.D.	1
cis-1,3-Dichloropropene	N.D.	1
trans-1,3-Dichloropropene	N.D.	1
Ethylbenzene	N.D.	1
Methylene Chloride	N.D.	1
1,1,2,2-Tetrachloroethane	N.D.	1
Tetrachloroethene	N.D.	1
Toluene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
1,1,2-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
Trichlorofluoromethane	N.D.	1
Vinyl Chloride	N.D.	1

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: E171994AA	Sample number(s): 9096553								
Benzene	20	18.45			92		80-120		
Bromodichloromethane	20	18.62			93		80-120		
Bromoform	20	18.49			92		66-125		
Bromomethane	20	17.55			88		61-137		
Carbon Tetrachloride	20	17.8			89		72-128		
Chlorobenzene	20	19.74			99		80-120		
Chloroethane	20	17.32			87		60-136		
2-Chloroethyl Vinyl Ether	20	19.17			96		65-120		
Chloroform	20	17.95			90		80-120		
Chloromethane	20	16.15			81		57-124		
Dibromochloromethane	20	19.12			96		78-120		
1,2-Dichlorobenzene	20	19.22			96		78-125		
1,3-Dichlorobenzene	20	19.08			95		77-120		
1,4-Dichlorobenzene	20	19.51			98		80-120		
1,1-Dichloroethane	20	17.8			89		70-128		
1,2-Dichloroethane	20	18.05			90		80-120		
1,1-Dichloroethene	20	19.34			97		69-122		
trans-1,2-Dichloroethene	20	18.33			92		73-124		
1,2-Dichloropropane	20	18.83			94		80-120		
cis-1,3-Dichloropropene	20	19.35			97		80-120		
trans-1,3-Dichloropropene	20	19.25			96		80-120		
Ethylbenzene	20	20.47			102		80-120		
Methylene Chloride	20	18.01			90		69-120		
1,1,2,2-Tetrachloroethane	20	19.62			98		80-120		
Tetrachloroethene	20	19.73			99		77-122		
Toluene	20	19.9			99		80-120		
1,1,1-Trichloroethane	20	17.91			90		77-123		
1,1,2-Trichloroethane	20	19.76			99		80-120		
Trichloroethene	20	18.23			91		80-120		
Trichlorofluoromethane	20	18.05			90		61-136		
Vinyl Chloride	20	17.43			87		59-127		

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: E171994AA	Sample number(s): 9096553 UNSPK: P094181									
Benzene	N.D.	20	19.25	20	19.19	96	96	80-120	0	30
Bromodichloromethane	N.D.	20	18.68	20	18.58	93	93	80-120	1	30
Bromoform	N.D.	20	18.24	20	18.12	91	91	66-125	1	30
Bromomethane	N.D.	20	17.7	20	18.14	89	91	61-137	2	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Carbon Tetrachloride	N.D.	20	18.87	20	19.03	94	95	72-128	1	30
Chlorobenzene	N.D.	20	19.99	20	20.19	100	101	80-120	1	30
Chloroethane	N.D.	20	17.76	20	17.94	89	90	60-136	1	30
2-Chloroethyl Vinyl Ether	N.D.	20	N.D.	20	N.D.	0*	0*	65-120	0	30
Chloroform	N.D.	20	18.26	20	18.29	91	91	80-120	0	30
Chloromethane	N.D.	20	16.56	20	16.62	83	83	57-124	0	30
Dibromochloromethane	N.D.	20	19.07	20	19.39	95	97	78-120	2	30
1,2-Dichlorobenzene	N.D.	20	19.26	20	19.66	96	98	78-125	2	30
1,3-Dichlorobenzene	N.D.	20	19.26	20	19.48	96	97	77-120	1	30
1,4-Dichlorobenzene	N.D.	20	19.43	20	19.79	97	99	80-120	2	30
1,1-Dichloroethane	N.D.	20	18.33	20	18.7	92	93	70-128	2	30
1,2-Dichloroethane	N.D.	20	18.12	20	18.41	91	92	80-120	2	30
1,1-Dichloroethene	N.D.	20	20.69	20	20.75	103	104	69-122	0	30
trans-1,2-Dichloroethene	N.D.	20	19.23	20	18.94	96	95	73-124	1	30
1,2-Dichloropropane	N.D.	20	19.37	20	19.37	97	97	80-120	0	30
cis-1,3-Dichloropropene	N.D.	20	19.22	20	19.41	96	97	80-120	1	30
trans-1,3-Dichloropropene	N.D.	20	18.71	20	19.14	94	96	80-120	2	30
Ethylbenzene	N.D.	20	21.15	20	21.11	106	106	80-120	0	30
Methylene Chloride	N.D.	20	18.41	20	18.37	92	92	69-120	0	30
1,1,2,2-Tetrachloroethane	N.D.	20	19.13	20	19.54	96	98	80-120	2	30
Tetrachloroethene	N.D.	20	20.31	20	20.59	102	103	77-122	1	30
Toluene	N.D.	20	20.43	20	20.28	102	101	80-120	1	30
1,1,1-Trichloroethane	N.D.	20	18.94	20	18.87	95	94	77-123	0	30
1,1,2-Trichloroethane	N.D.	20	19.86	20	20.26	99	101	80-120	2	30
Trichloroethene	N.D.	20	19.39	20	19.41	97	97	80-120	0	30
Trichlorofluoromethane	N.D.	20	18.51	20	18.66	93	93	61-136	1	30
Vinyl Chloride	N.D.	20	17.64	20	17.84	88	89	59-127	1	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 5ml Water by 624
Batch number: E171994AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
9096553	97	100	101
Blank	98	100	100
LCS	97	101	100
MS	101	100	99
MSD	102	101	99
Limits:	78-118	88-107	80-118

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

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Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

G-1823730

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340 L6900470

Lab # Client Code

Sampler Brian Musselman

Client Name/Phone/FAX Maryland Environmental Service

Project Name **BTR WWTP (Quarterly)**

Client Address

Project Number 2559-2085-1700

Invoice Address

Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-8	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3	7-11-17	0945	MDE Table 1 VOC's-EPA 624 Purgeables Full List

Transferred by:	Received by:	Date 7-11-17	Time 10:42	Cooler Receipt Information (LAB USE ONLY)
Transferred by:	Received by:	Date 7/11/17	Time 1350	Sufficient Ice? - (Yes)/No If No, temp.= 4.4°
Transferred by:	Received by:	Date 7/11/17	Time 1630	Sample containers pres'd? - (Yes)/No If No, explain
				~~Custody Seal present/intact? - Yes/No~~
				Initials: Date:

7/11/17 1615 Cooler 26

7-11-17 1919

eurofins | QC

Analytical Report

Serialized: 07/24/2017 02:54pm DE36

Order Number:	L6913238
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-11-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6913238

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/24/17 14:54 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6913238
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-11-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID L6913238-1 **Sample Description** BTR 101
Received Date/Time 07/11/17 12:24pm

Samp. Date/Time/Temp Sampled by
07/11/17 09:15am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			07/11/17 01:41PM SUB

Sample Comments | Result Qualifiers:

L6913238-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6347512

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Analytical Report

Serialized: 07/24/2017 02:53pm DE36

Order Number:	L6913235
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-11-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6913235

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/24/17 14:53 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6913235
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-11-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6913235-1 BTR 001 07/11/17 09:14am NA C Customer
Received Date/Time 07/11/17 12:24pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	1.0		MPN/100ml	SM 9223B			07/11/17 01:38PM SUB

Sample Comments | Result Qualifiers:

L6913235-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6347511

eurofins | QC

Analytical Report

Serialized: 07/21/2017 12:32pm DE36

Order Number:	L6854931
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-11-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6854931

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/21/17 12:32 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6854931
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-11-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID L6854931-1 **Sample Description** BTR 001 GRAB
Samp. Date/Time/Temp 07/11/17 09:09am NA C **Sampled by** Customer
Received Date/Time/Temp 07/11/17 04:30pm 4.4 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	12.8		mg/l	SM 2540D	1	4.00	07/13/17 11:11AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	7.00		mg/l	SM 5210B	1.5	2.00	07/12/17 09:45AM SKJ

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
EPA METHOD 624
METHOD 1664,HEXANE EXTRACTABLES(O+G)

Sample ID L6854931-2 **Sample Description** BTR 001 COMP
Samp. Date/Time/Temp 07/11/17 09:22am NA C **Sampled by** Customer
Received Date/Time/Temp 07/11/17 04:30pm 4.4 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Kjeldahl nitrogen, as N (Delaware)	1.35		mg/l	EPA 351.2	1	0.200	07/14/17 12:03PM ALW
Phosphorus total as P (Delaware)	0.113		mg/l	EPA 365.4	1	0.0500	07/14/17 12:03PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	07/12/17 03:01PM ALW

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Analytical Report

Serialized: 07/13/2017 11:21am DE36

Order Number:	L6901515
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-06-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6901515

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/13/17 11:21 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6901515
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-06-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6901515-1 BTR 101 07/06/17 09:58am NA C Customer
Received Date/Time 07/06/17 02:30pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			07/06/17 03:08PM SUB

Sample Comments | Result Qualifiers:

L6901515-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6341397

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Analytical Report

Serialized: 07/21/2017 12:32pm DE36

Order Number:	L6854931
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	07-11-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6854931

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 07/21/17 12:32 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6854931
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 07-11-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6854931-1 BTR 001 GRAB 07/11/17 09:09am NA C Customer
Received Date/Time/Temp 07/11/17 04:30pm 4.4 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	12.8		mg/l	SM 2540D	1	4.00	07/13/17 11:11AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	7.00		mg/l	SM 5210B	1.5	2.00	07/12/17 09:45AM SKJ

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
EPA METHOD 624
METHOD 1664,HEXANE EXTRACTABLES(O+G)

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6854931-2 BTR 001 COMP 07/11/17 09:22am NA C Customer
Received Date/Time/Temp 07/11/17 04:30pm 4.4 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Kjeldahl nitrogen, as N (Delaware)	1.35		mg/l	EPA 351.2	1	0.200	07/14/17 12:03PM ALW
Phosphorus total as P (Delaware)	0.113		mg/l	EPA 365.4	1	0.0500	07/14/17 12:03PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	07/12/17 03:01PM ALW

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Analysis Report

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: July 20, 2017

Project: L6854931

Submittal Date: 07/13/2017
Group Number: 1825488
PO Number: L6854931
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
L6854931-2 Composite Wastewater	9102766

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ . To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

Project Name: L6854931
LL Group #: 1825488

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.7C using a digital thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 10.9-20.6 C.

Analysis Specific Comments:

No additional comments are necessary.

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Analysis Report

Sample Description: L6854931-2 Composite Wastewater
BTR 001

LL Sample # WW 9102766
LL Group # 1825488
Account # 21318

Project Name: L6854931

Collected: 07/11/2017 09:22 by BM

Submitted: 07/13/2017 18:25
Reported: 07/20/2017 12:30

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 353.2**		mg/l	mg/l	
07882	Total Nitrite/Nitrate Nitrogen	n.a.	0.36	0.10	1

Sample Comments

The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.7C using a digital thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 10.9-20.6 C.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07882	Total Nitrite/Nitrate Nitrogen	EPA 353.2	1	17200118102A	07/19/2017 18:39	Brianna A White	1

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1825488
Reported: 07/20/2017 12:30

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	mg/l	mg/l
Batch number: 17200118102A	Sample number(s): 9102766	
Total Nitrite/Nitrate Nitrogen	N.D.	0.10

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l					
Batch number: 17200118102A	Sample number(s): 9102766								
Total Nitrite/Nitrate Nitrogen	2.50	2.45			98		90-110		

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc	MS Spike Added	MS Conc	MSD Spike Added	MSD Conc	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 17200118102A	Sample number(s): 9102766 UNSPK: P101168									
Total Nitrite/Nitrate Nitrogen	2.00	1.00	2.90			91		90-110		

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc	DUP Conc	DUP RPD	DUP RPD Max
	mg/l	mg/l		
Batch number: 17200118102A	Sample number(s): 9102766 BKG: P101168			

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

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Analysis Report

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: July 18, 2017

Project: L6854931

Submittal Date: 07/11/2017
Group Number: 1823728
PO Number: L6854931
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
L6854931-1 Grab Wastewater	9096543
L6854931-3 Grab Wastewater	9096544

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ . To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

Project Name: L6854931
LL Group #: 1823728

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

No additional comments are necessary.

Sample Description: L6854931-1 Grab Wastewater
BTR 001

LL Sample # WW 9096543
LL Group # 1823728
Account # 21318

Project Name: L6854931

Collected: 07/11/2017 09:09 by BM

Submitted: 07/11/2017 19:19
Reported: 07/18/2017 13:12

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

BT711

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
Wet Chemistry	**EPA 1664B**		mg/l	mg/l	
08079	HEM (oil & grease)	n.a.	N.D.	5.0	1

Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U171971AA	07/16/2017 23:58	Hu Yang	1
08079	HEM (oil & grease)	EPA 1664B	1	17195807902A	07/14/2017 17:16	Huyen Dao-Kendig	1

Sample Description: L6854931-3 Grab Wastewater
BTR 001 Matrix Spike

LL Sample # WW 9096544
LL Group # 1823728
Account # 21318

Project Name: L6854931

Collected: 07/11/2017 09:11 by BM

Submitted: 07/11/2017 19:19
Reported: 07/18/2017 13:12

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

BT711

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 1664B**		mg/l	mg/l	
08079	HEM (oil & grease)	n.a.	33.3	5.0	1

Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Analysis Report

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08079	HEM (oil & grease)	EPA 1664B	1	17195807902A	07/14/2017 17:16	Huyen Dao-Kendig	1

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823728
Reported: 07/18/2017 13:12

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: U171971AA	Sample number(s): 9096543	
Tetrachloroethene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
	mg/l	mg/l
Batch number: 17195807902A	Sample number(s): 9096543-9096544	
HEM (oil & grease)	N.D.	5.0

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: U171971AA	Sample number(s): 9096543								
Tetrachloroethene	20	23.42	20	21.76	117	109	77-122	7	30
1,1,1-Trichloroethane	20	18.72	20	17.5	94	87	77-123	7	30
Trichloroethene	20	20.28	20	19.59	101	98	80-120	3	30
	mg/l	mg/l	mg/l	mg/l					
Batch number: 17195807902A	Sample number(s): 9096543-9096544								
HEM (oil & grease)	40	40.2	40	37.7	101	94	78-114	6	13

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc	MS Spike Added	MS Conc	MSD Spike Added	MSD Conc	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 17195807902A	Sample number(s): 9096543-9096544 UNSPK: 9096543									
HEM (oil & grease)	N.D.	40.4	33.33			83		78-114		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823728
Reported: 07/18/2017 13:12

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 5ml Water by 624
Batch number: U171971AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
9096543	103	98	97
Blank	104	99	99
LCS	101	101	102
LCSD	104	101	99
Limits:	78-118	88-107	80-118

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

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Analytical Report

Serialized: 09/14/2017 10:18am DE36

Order Number:	L6949596
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-29-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6949596

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 09/14/17 10:18 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6949596
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-29-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID L6949596-1
Sample Description BTR 101
Received Date/Time 08/29/17 01:12pm

Samp. Date/Time/Temp Sampled by
08/29/17 09:24am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			08/29/17 02:05PM SUB

Sample Comments | Result Qualifiers:

L6949596-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6373854

eurofins | QC

Analytical Report

Serialized: 08/30/2017 10:32am DE36

Order Number:	L6943882
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-22-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6943882

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/30/17 10:32 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6943882
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-22-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID L6943882-1
Sample Description BTR 101
Received Date/Time 08/22/17 01:15pm

Samp. Date/Time/Temp Sampled by
08/22/17 09:16am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			08/22/17 02:01PM SUB

Sample Comments | Result Qualifiers:

L6943882-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6367819

eurofins | QC

Analytical Report

Serialized: 08/22/2017 10:51am DE36

Order Number:	L6940298
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-15-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6940298

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/22/17 10:51 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6940298
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-15-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID L6940298-1
Sample Description BTR 101
Received Date/Time 08/15/17 12:35pm

Samp. Date/Time/Temp Sampled by
08/15/17 09:15am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			08/15/17 02:01PM SUB

Sample Comments | Result Qualifiers:

L6940298-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6364075

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Analytical Report

Serialized: 08/16/2017 10:24am DE36

Order Number:	L6936820
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-08-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6936820

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/16/17 10:24 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6936820
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-08-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6936820-1 BTR 001 08/08/17 09:10am NA C Customer
Received Date/Time 08/08/17 01:30pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			08/08/17 02:15PM SUB

Sample Comments | Result Qualifiers:

L6936820-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6361191

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Analytical Report

Serialized: 08/16/2017 01:47pm DE36

Order Number:	L6913479
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-08-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6913479

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/16/17 13:47 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6913479
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-08-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID L6913479-1 **Sample Description** BTR 001 GRAB
Received Date/Time/Temp 08/08/17 04:40pm 3.2 C **Iced (Y/N):** Y
Samp. Date/Time/Temp Sampled by 08/08/17 09:08am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	4.40		mg/l	SM 2540D	1	4.00	08/11/17 04:27PM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	5.00		mg/l	SM 5210B	1.5	2.00	08/09/17 09:10AM SKJ

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
EPA METHOD 624
METHOD 1664,HEXANE EXTRACTABLES(O+G)

Sample ID L6913479-2 **Sample Description** BTR 001 COMP
Received Date/Time/Temp 08/08/17 04:40pm 3.2 C **Iced (Y/N):** Y
Samp. Date/Time/Temp Sampled by 08/08/17 09:16am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Nitrate/nitrite, total as N (Delaware)	0.782		mg/l	EPA 300.0	10	0.500	08/09/17 12:05AM SLD
Kjeldahl nitrogen, as N (Delaware)	0.853		mg/l	EPA 351.2	1	0.200	08/11/17 02:38PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	08/11/17 02:38PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	08/10/17 10:40AM ALW

PIN: 17237 Serial Number: 6361352

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample Comments | Result Qualifiers:

L6913479-1 :

ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: August 15, 2017

Project: L6913479

Account #: 21318
Group Number: 1835474
PO Number: L6913479
State of Sample Origin: MD

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ . To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

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SAMPLE INFORMATION

Client Sample Description	Collection Information	ELLE#
L6913479-1 Grab Wastewater	08/08/2017 09:08	9145003

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Project Name: L6913479
LL Group #: 1835474

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

For dual column analyses, the surrogate (for multi-surrogate tests, at least one surrogate) must be within the acceptance limits on at least one of the two columns.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

EPA 1664B, Wet Chemistry

Batch #: 17226807903A (Sample number(s): 9145003 UNSPK: P146368)

The recovery(ies) for the following analyte(s) in the MS were below the acceptance window: HEM (oil & grease)

Sample Description: L6913479-1 Grab Wastewater
BTR 001

ELLE Sample # WW 9145003
ELLE Group # 1835474
Account # 21318

Project Name: L6913479

Collected: 08/08/2017 09:08

Submitted: 08/08/2017 19:43
Reported: 08/15/2017 10:04

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

00942

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
Wet Chemistry	**EPA 1664B**		mg/l	mg/l	
08079	HEM (oil & grease)	n.a.	N.D. Q4	5.0	1

Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U172251AA	08/13/2017 20:15	Hu Yang	1
08079	HEM (oil & grease)	EPA 1664B	1	17226807903A	08/14/2017 22:43	Nathan Robinson	1

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Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1835474
Reported: 08/15/2017 10:04

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: U172251AA	Sample number(s): 9145003	
Tetrachloroethene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
	mg/l	mg/l
Batch number: 17226807903A	Sample number(s): 9145003	
HEM (oil & grease)	N.D.	5.0

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: U172251AA	Sample number(s): 9145003								
Tetrachloroethene	20	18.6	20	18.3	93	91	77-122	2	30
1,1,1-Trichloroethane	20	19.76	20	18.95	99	95	77-123	4	30
Trichloroethene	20	18.8	20	18.69	94	93	80-120	1	30
	mg/l	mg/l	mg/l	mg/l					
Batch number: 17226807903A	Sample number(s): 9145003								
HEM (oil & grease)	40	37	40	35.5	93	89	78-114	4	13

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc	MS Spike Added	MS Conc	MSD Spike Added	MSD Conc	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l	ug/l					
Batch number: U172251AA	Sample number(s): 9145003 UNSPK: 9145003									
Tetrachloroethene	N.D.	20	20.47	20	21.67	102	108	77-122	6	30
1,1,1-Trichloroethane	N.D.	20	22.06	20	23.03	110	115	77-123	4	30
Trichloroethene	N.D.	20	21.55	20	22.52	108	113	80-120	4	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

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Analytical Report

Serialized: 08/16/2017 10:25am DE36

Order Number:	L6936822
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-08-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6936822

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/16/17 10:25 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6936822
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-08-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID L6936822-1
Sample Description BTR 101
Received Date/Time 08/08/17 01:30pm

Samp. Date/Time/Temp Sampled by
08/08/17 09:53am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	6.4		MPN/100ml	SM 9223B			08/08/17 02:17PM SUB

Sample Comments | Result Qualifiers:

L6936822-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6361192

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Analytical Report

Serialized: 08/16/2017 10:26am DE36

Order Number:	L6936795
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	08-01-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6936795

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 08/16/17 10:26 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6936795
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 08-01-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID L6936795-1
Sample Description BTR 101
Received Date/Time 08/01/17 01:20pm

Samp. Date/Time/Temp Sampled by
08/01/17 09:17am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			08/01/17 02:04PM SUB

Sample Comments | Result Qualifiers:

L6936795-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6361194

Sample Description: **L6900470-1 Grab Wastewater**
BTR 201
BTR 201

LL Sample # WW 9096553
LL Group # 1823730
Account # 21318

Project Name: L6900470

Collected: 07/11/2017 09:45 by BM

Submitted: 07/11/2017 19:19
Reported: 07/19/2017 18:27

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

2BTR1

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		**ug/l**	**ug/l**	
10371	Benzene	71-43-2	N.D.	1	1
10371	Bromodichloromethane	75-27-4	N.D.	1	1
10371	Bromoform	75-25-2	N.D.	1	1
10371	Bromomethane	74-83-9	N.D.	1	1
10371	Carbon Tetrachloride	56-23-5	N.D.	1	1
10371	Chlorobenzene	108-90-7	N.D.	1	1
10371	Chloroethane	75-00-3	N.D.	1	1
10371	2-Chloroethyl Vinyl Ether	110-75-8	N.D. Q4	1	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10371	Chloroform	67-66-3	N.D.	1	1
10371	Chloromethane	74-87-3	N.D.	1	1
10371	Dibromochloromethane	124-48-1	N.D.	1	1
10371	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10371	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10371	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10371	1,1-Dichloroethane	75-34-3	N.D.	1	1
10371	1,2-Dichloroethane	107-06-2	N.D.	1	1
10371	1,1-Dichloroethene	75-35-4	N.D.	1	1
10371	trans-1,2-Dichloroethene	156-60-5	N.D.	1	1
10371	1,2-Dichloropropane	78-87-5	N.D.	1	1
10371	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10371	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10371	Ethylbenzene	100-41-4	N.D.	1	1
10371	Methylene Chloride	75-09-2	N.D.	1	1
10371	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	Toluene	108-88-3	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	1,1,2-Trichloroethane	79-00-5	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
10371	Trichlorofluoromethane	75-69-4	N.D.	1	1
10371	Vinyl Chloride	75-01-4	N.D.	1	1

Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	E171994AA	07/18/2017 22:46	Jason M Long	1

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: E171994AA	Sample number(s): 9096553	
Benzene	N.D.	1
Bromodichloromethane	N.D.	1
Bromoform	N.D.	1
Bromomethane	N.D.	1
Carbon Tetrachloride	N.D.	1
Chlorobenzene	N.D.	1
Chloroethane	N.D.	1
2-Chloroethyl Vinyl Ether	N.D.	1
Chloroform	N.D.	1
Chloromethane	N.D.	1
Dibromochloromethane	N.D.	1
1,2-Dichlorobenzene	N.D.	1
1,3-Dichlorobenzene	N.D.	1
1,4-Dichlorobenzene	N.D.	1
1,1-Dichloroethane	N.D.	1
1,2-Dichloroethane	N.D.	1
1,1-Dichloroethene	N.D.	1
trans-1,2-Dichloroethene	N.D.	1
1,2-Dichloropropane	N.D.	1
cis-1,3-Dichloropropene	N.D.	1
trans-1,3-Dichloropropene	N.D.	1
Ethylbenzene	N.D.	1
Methylene Chloride	N.D.	1
1,1,2,2-Tetrachloroethane	N.D.	1
Tetrachloroethene	N.D.	1
Toluene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
1,1,2-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
Trichlorofluoromethane	N.D.	1
Vinyl Chloride	N.D.	1

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: E171994AA	Sample number(s): 9096553								
Benzene	20	18.45			92		80-120		
Bromodichloromethane	20	18.62			93		80-120		
Bromoform	20	18.49			92		66-125		
Bromomethane	20	17.55			88		61-137		
Carbon Tetrachloride	20	17.8			89		72-128		
Chlorobenzene	20	19.74			99		80-120		
Chloroethane	20	17.32			87		60-136		
2-Chloroethyl Vinyl Ether	20	19.17			96		65-120		
Chloroform	20	17.95			90		80-120		
Chloromethane	20	16.15			81		57-124		
Dibromochloromethane	20	19.12			96		78-120		
1,2-Dichlorobenzene	20	19.22			96		78-125		
1,3-Dichlorobenzene	20	19.08			95		77-120		
1,4-Dichlorobenzene	20	19.51			98		80-120		
1,1-Dichloroethane	20	17.8			89		70-128		
1,2-Dichloroethane	20	18.05			90		80-120		
1,1-Dichloroethene	20	19.34			97		69-122		
trans-1,2-Dichloroethene	20	18.33			92		73-124		
1,2-Dichloropropane	20	18.83			94		80-120		
cis-1,3-Dichloropropene	20	19.35			97		80-120		
trans-1,3-Dichloropropene	20	19.25			96		80-120		
Ethylbenzene	20	20.47			102		80-120		
Methylene Chloride	20	18.01			90		69-120		
1,1,2,2-Tetrachloroethane	20	19.62			98		80-120		
Tetrachloroethene	20	19.73			99		77-122		
Toluene	20	19.9			99		80-120		
1,1,1-Trichloroethane	20	17.91			90		77-123		
1,1,2-Trichloroethane	20	19.76			99		80-120		
Trichloroethene	20	18.23			91		80-120		
Trichlorofluoromethane	20	18.05			90		61-136		
Vinyl Chloride	20	17.43			87		59-127		

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: E171994AA	Sample number(s): 9096553 UNSPK: P094181									
Benzene	N.D.	20	19.25	20	19.19	96	96	80-120	0	30
Bromodichloromethane	N.D.	20	18.68	20	18.58	93	93	80-120	1	30
Bromoform	N.D.	20	18.24	20	18.12	91	91	66-125	1	30
Bromomethane	N.D.	20	17.7	20	18.14	89	91	61-137	2	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1823730
Reported: 07/19/2017 18:27

MS/MSD (continued)

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Carbon Tetrachloride	N.D.	20	18.87	20	19.03	94	95	72-128	1	30
Chlorobenzene	N.D.	20	19.99	20	20.19	100	101	80-120	1	30
Chloroethane	N.D.	20	17.76	20	17.94	89	90	60-136	1	30
2-Chloroethyl Vinyl Ether	N.D.	20	N.D.	20	N.D.	0*	0*	65-120	0	30
Chloroform	N.D.	20	18.26	20	18.29	91	91	80-120	0	30
Chloromethane	N.D.	20	16.56	20	16.62	83	83	57-124	0	30
Dibromochloromethane	N.D.	20	19.07	20	19.39	95	97	78-120	2	30
1,2-Dichlorobenzene	N.D.	20	19.26	20	19.66	96	98	78-125	2	30
1,3-Dichlorobenzene	N.D.	20	19.26	20	19.48	96	97	77-120	1	30
1,4-Dichlorobenzene	N.D.	20	19.43	20	19.79	97	99	80-120	2	30
1,1-Dichloroethane	N.D.	20	18.33	20	18.7	92	93	70-128	2	30
1,2-Dichloroethane	N.D.	20	18.12	20	18.41	91	92	80-120	2	30
1,1-Dichloroethene	N.D.	20	20.69	20	20.75	103	104	69-122	0	30
trans-1,2-Dichloroethene	N.D.	20	19.23	20	18.94	96	95	73-124	1	30
1,2-Dichloropropane	N.D.	20	19.37	20	19.37	97	97	80-120	0	30
cis-1,3-Dichloropropene	N.D.	20	19.22	20	19.41	96	97	80-120	1	30
trans-1,3-Dichloropropene	N.D.	20	18.71	20	19.14	94	96	80-120	2	30
Ethylbenzene	N.D.	20	21.15	20	21.11	106	106	80-120	0	30
Methylene Chloride	N.D.	20	18.41	20	18.37	92	92	69-120	0	30
1,1,2,2-Tetrachloroethane	N.D.	20	19.13	20	19.54	96	98	80-120	2	30
Tetrachloroethene	N.D.	20	20.31	20	20.59	102	103	77-122	1	30
Toluene	N.D.	20	20.43	20	20.28	102	101	80-120	1	30
1,1,1-Trichloroethane	N.D.	20	18.94	20	18.87	95	94	77-123	0	30
1,1,2-Trichloroethane	N.D.	20	19.86	20	20.26	99	101	80-120	2	30
Trichloroethene	N.D.	20	19.39	20	19.41	97	97	80-120	0	30
Trichlorofluoromethane	N.D.	20	18.51	20	18.66	93	93	61-136	1	30
Vinyl Chloride	N.D.	20	17.64	20	17.84	88	89	59-127	1	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs- 5ml Water by 624
Batch number: E171994AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
9096553	97	100	101
Blank	98	100	100
LCS	97	101	100
MS	101	100	99
MSD	102	101	99
Limits:	78-118	88-107	80-118

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

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Quality Control Summary

Client Name: Eurofins QC Laboratories
Group Number: 1823730
Reported: 07/19/2017 18:27

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340 L6900470

Lab # / Client Code	Sampler Brian Musselman
Client Name/Phone/FAX Maryland Environmental Service	Project Name **BTR WWTP (Quarterly)**
Client Address	Project Number 2559-2085-1700
Invoice Address	Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-8	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3	7-11-17	0945	MDE Table 1 VOC's-EPA 624 Purgeables Full List

Transferred by:	Received by:	Date 7-11-17	Time 10:42	Cooler Receipt Information (**LAB USE ONLY**)
Transferred by:	Received by:	Date 7/11/17	Time 1350	Sufficient ice? - (Yes)/No If No, temp.= 4.4°
Transferred by:	Received by:	Date 7/11/17	Time 1636	Sample containers pres'd? - (Yes)/No If No, explain
				~~Custody Seal present/intact? - Yes/No~~
				Initials: Date:

7/11/17 1615 Cooler 26

7-11-17 1919

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Sample Administration Receipt Documentation Log

Doc Log ID: 188

Group Number(s): 182372

Client: EQCL

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	07/11/2017 19:19
Number of Packages:	1	Number of Projects:	5

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Cory Jeremiah (10469) at 20:56 on 07/11/2017

Samples Chilled Details

Thermometer Types: *DT = Digital (Temp. Bottle)* *IR = Infrared (Surface Temp)* *All Temperatures in °C.*

ler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT42-01	4.0	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-230
F | 717-656-268
www.LancasterLabs

Environmental

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	**mg**	milligram(s)
C	degrees Celsius	**mL**	milliliter(s)
cfu	colony forming units	**MPN**	Most Probable Number
CP Units	cobalt-chloroplatinate units	**N.D.**	none detected
F	degrees Fahrenheit	**ng**	nanogram(s)
g	gram(s)	**NTU**	nephelometric turbidity units
IU	International Units	**pg/L**	picogram/liter
kg	kilogram(s)	**RL**	Reporting Limit
L	liter(s)	**TNTC**	Too Numerous To Count
lb.	pound(s)	**µg**	microgram(s)
m3	cubic meter(s)	**µL**	microliter(s)
meq	milliequivalents	**umhos/cm**	micromhos/cm

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…
W - The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Environmental

Additional Data Qualifiers

Qualifier	Definition
B	Detection in the Blank
Q0	LCS/LCSD Low
Q1	LCS/LCSD High
Q4	MS/MSD Out of Range
Q7	LCS/LCSD RPD
Q8	DUP RPD
Q9	MS/MSD RPD
Z	Laboratory Defined - see analysis report

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Analytical Report

Serialized: 09/14/2017 10:17am DE36

Order Number:	L6949606
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-06-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6949606

Authorized by: Raphael C. Fratti, Laboratory Director

Eurofins QC, Inc.

Analytical Report

Printed 09/14/17 10:17 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6949606
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 09-06-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID L6949606-1 **Sample Description** BTR 101
Received Date/Time 09/06/17 02:30pm

Samp. Date/Time/Temp Sampled by
09/06/17 09:50am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	3.1		MPN/100ml	SM 9223B			09/06/17 03:30PM SUB

Sample Comments | Result Qualifiers:

L6949606-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

Eurofins QC, Inc. (EQC) ***The following terms or abbreviations are used in this report:***

MPN	Most probable number		
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number	ND	For the odor test: No Odor Observed

ppm (mg/l) Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.

ppb (ug/L) Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.

< Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.

> Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers

J	Estimated value ≥ MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter Field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQCI Horsham facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters is performed by EQC Field staff and when the chain of custody identifies the field staff with the code: "ERF", that field staff performs tests under State certification # NJ 02015
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQCI: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQCI Delaware), and Bhavita Shah (EQCI Horsham, Microbiology).

EQC Accreditations

Horsham, PA	NELAP IDs: PA: 46-05499 NJ: PA093

New Castle, DE	State IDs:	DE 00011; MD 138
Wind Gap, PA	State IDs:	PA 48-01334; NJ PA001
East Rutherford, NJ	State ID:	NJ 02015
Vineland, NJ	State ID:	NJ 06005

Maryland Environmental Service
Water Quality Data Sheet

Lab: ~~106845~~

Lab ID No. _____

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			**Collectors ID #:** 5514
Sample Location:	Final 101 - Grab			
Bottle Numbers:	**Chem:**		**Bact:** BTR-1	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 9-6-17		**Time:** 0950	**Name:** Brian Musselman
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:** 7.40	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** 21.0 °C	**Before DeCl2 (y/n)**	**Total:** >5.0 mg/l

Pres.	Analysis	Method *	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	3.1	MPN/100ml	9-6-17 330p	9-7-17 1145a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None = iced~~
3. 2ml H_2SO_4/liter iced
4. 5ml HNO_3/liter iced
5. Sterile w/thio
6. Other _____

Comments:

Chesapeake Environmental Lab, Inc.
(410) 643-0800
1-800-300-TEST

Reviewed by Lorraine A. Musselman Date 9-8-17

All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	9-6-17	1240	[signature]	9-6-17	1240
2	[signature]	9-6-17	230	[signature]	9-6-17	2:35
3						
4						
5						
6						

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Analytical Report

Serialized: 10/20/2017 11:15am DE36

Order Number:	L6961096
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-12-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6961096

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 10/20/17 11:15 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number:	L6961096
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-12-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6961096-1	FINAL 101 - GRAB	09/12/17 09:14am NA C	Customer

Received Date/Time 09/12/17 01:35pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Chesapeake Environmental Lab, Inc. (CHESAPEAKE)
E. COLI-MPN (DELAWARE)

Sample Comments | Result Qualifiers:

L6961096-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

Eurofins QC, Inc. (EQC) ***The following terms or abbreviations are used in this report:***

MPN	Most probable number		
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number	ND	For the odor test: No Odor Observed

ppm (mg/l) Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.

ppb (ug/L) Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.

< Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.

> Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers

J	Estimated value ≥ MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter Field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQCI Horsham facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters is performed by EQC Field staff and when the chain of custody identifies the field staff with the code: "ERF", that field staff performs tests under State certification # NJ 02015
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQCI: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQCI Delaware), and Bhavita Shah (EQCI Horsham, Microbiology).

EQC Accreditations

Horsham, PA	NELAP IDs: PA: 46-05499 NJ: PA093

New Castle, DE	State IDs:	DE 00011; MD 138
Wind Gap, PA	State IDs:	PA 48-01334; NJ PA001
East Rutherford, NJ	State ID:	NJ 02015
Vineland, NJ	State ID:	NJ 06005

Lab: CEL

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 106948

Project No. 2559 – 2085-1700

9/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			**Collectors ID #:** GS 2500
Sample Location:	Final 101 - Grab			
Bottle Numbers:	**Chem:**		**Bact:** BTR-1	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 9-12-17		**Time:** 0914	**Name:** Garrett Scheller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (y) n**	**Total:** > 5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	(SM9223B)/ 9221F	<1.0	MPN/100ml	9-12-17 220p	9-13-17 1130a	JS
		* Please make sure method utilized is circled or written					

Preservatives:
1. None
2. None – iced
3. 2ml H2SO4/liter iced
4. 5ml HNO3/liter iced
5. Sterile w/thio
6. Other

Comments:

Chesapeake Environmental Lab, Inc.
(410) 643-0800
1-800-300-TEST

Reviewed by [signature] Date 9-14-17

All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	9-12-17	11:10	[signature]	9-12-17	11:10
2	[signature]	9-12-17	1:35	[signature]	9-12-17	1:35
3						
4						
5						
6						

CEL

Lab: _____

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 106948

Project No. 2559 – 2085-1700

9/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			Collectors ID #: GS 2500
Sample Location:	Final 101 - Grab			
Bottle Numbers:	Chem:		Bact: BTR-1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 9-12-17		Time: 0914	Name: Garrett Scheller
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH:	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (y) n	Total: >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/9221F	<1.0	MPN/100ml	9-12-17 220p	9-13-17 1130a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None – iced~~ EF
3. 2ml H2SO4/liter iced
4. 5ml HNO3/liter iced
5. Sterile w/thio
6. Other_____

Comments:

Chesapeake Environmental Lab, Inc
(410) 643-0800
1-800-300-TEST

Reviewed by [signature] Date 9-14-17

All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	9-12-17	11:10	[signature]	9-12-17	11:10
2	[signature]	9-12-17	1:35	[signature]	9-12-17	1:35
3						
4						
5						

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Analytical Report

Serialized: 10/04/2017 01:05pm DE36

Order Number:	L6940195
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-19-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6940195

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 10/04/17 13:05 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6940195
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 09-19-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6940195-1	BTR 001 GRAB	09/19/17 09:17am NA C	Customer

Received Date/Time/Temp 09/19/17 04:30pm 3.3 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
BIOCHEMICAL OXYGEN DEMAND
EPA METHOD 624
METHOD 1664,HEXANE EXTRACTABLES(O+G)
TOTAL SUSPENDED SOLIDS

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6940195-2	BTR 001 COMP	09/19/17 09:19am NA C	Customer

Received Date/Time/Temp 09/19/17 04:30pm 3.3 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Nitrate/nitrite, total as N (Delaware)	1.02		mg/l	EPA 300.0	10	0.500	09/20/17 03:44AM SLD
Kjeldahl nitrogen, as N (Delaware)	0.763		mg/l	EPA 351.2	1	0.200	09/29/17 02:13PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	09/22/17 01:09PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	09/21/17 11:24AM ALW

Sample Comments | Result Qualifiers:

L6940195-1 :

DEFINITIONS

Eurofins QC, Inc. (EQC) ***The following terms or abbreviations are used in this report:***

MPN	Most probable number		
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number	ND	For the odor test: No Odor Observed

ppm (mg/l) Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.

ppb (ug/L) Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.

< Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.

> Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers

J	Estimated value ≥ MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter Field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQCI Horsham facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters is performed by EQC Field staff and when the chain of custody identifies the field staff with the code: "ERF", that field staff performs tests under State certification # NJ 02015
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQCI: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQCI Delaware), and Bhavita Shah (EQCI Horsham, Microbiology).

EQC Accreditations

Horsham, PA	NELAP IDs: PA: 46-05499 NJ: PA093

New Castle, DE	State IDs:	DE 00011; MD 138
Wind Gap, PA	State IDs:	PA 48-01334; NJ PA001
East Rutherford, NJ	State ID:	NJ 02015
Vineland, NJ	State ID:	NJ 06005

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Lab #	Client Code	Sampler	Brian Musselman
Client Name/Phone/FAX	Maryland Environmental Service	Project Name	**BTR WWTP (Monthly)**
Client Address		Project Number	2559-2085-1700
Invoice Address		Sample Turnaround Time	

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	9-19-17	0917	BOD, TSS
BTR-2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	9-19-17	0919	N+N, TKN, NH3, TP
BTR-3		Monthly Grab	1 Liter Glass H2S04	WW	1	9-19-17	0911	Oil and Grease
BTR-4		Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	9-19-17	0912	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

		Date	Time
Transferred by:	Received by:	9/19/17	1107
Transferred by:	Received by:	9/19/17	1455
Transferred by:	Received by:	9/19/17	1630

Cooler Receipt Information **(LAB USE ONLY)**

Sufficient ice? (Yes)/No If No, temp.= 3.3

Sample containers pres'd? (Yes)/No If No, explain

Custody Seal present/intact? - Yes/No

Initials: Date:

9/19/17 1640 Cooler 310

ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: September 27, 2017

Project: L6940195

Account #: 21318
Group Number: 1852132
PO Number: L6940195
State of Sample Origin: MD

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our current scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ . To request copies of prior scopes of accreditation, contact your project manager.

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

SAMPLE INFORMATION

Client Sample Description	Collection Information	ELLE#
L6940195-1 Grab Wastewater	09/19/2017 09:17	9216326

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Project Name: L6940195
LL Group #: 1852132

General Comments:

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

For dual column analyses, the surrogate (for multi-surrogate tests, at least one surrogate) must be within the acceptance limits on at least one of the two columns.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

EPA 1664B, Wet Chemistry

Batch #: 17265807901A (Sample number(s): 9216326 UNSPK: P211223)

The recovery(ies) for the following analyte(s) in the MS were below the acceptance window: HEM (oil & grease)

Lancaster Laboratories
Environmental

Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: L6940195-1 Grab Wastewater
BTR 001

ELLE Sample # WW 9216326
ELLE Group # 1852132
Account # 21318

Project Name: L6940195

Collected: 09/19/2017 09:17 by BM

Submitted: 09/19/2017 18:45
Reported: 09/27/2017 15:50

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

28201

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		**ug/l**	**ug/l**	
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
Wet Chemistry	**EPA 1664B**		**mg/l**	**mg/l**	
08079	HEM (oil & grease)	n.a.	N.D. Q4	5.0	1
	SM 2540 D-1997		**mg/l**	**mg/l**	
13858	Total Suspended Solids	n.a.	7.60	6.00	1
	SM 5210 B-2001		**mg/l**	**mg/l**	
14108	Biochemical Oxygen Demand-BOD	n.a.	8.92	2.00	1

Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U172651AA	09/22/2017 14:54	Joshua S Hess	1
08079	HEM (oil & grease)	EPA 1664B	1	17265807901A	09/22/2017 10:20	Yolunder Y Bunch	1
13858	Total Suspended Solids	SM 2540 D-1997	1	17265385801A	09/22/2017 07:30	Karen D Lausch	1
14108	Biochemical Oxygen Demand-BOD	SM 5210 B-2001	1	17263141083A	09/20/2017 20:38	Benjamin M Morrison	1

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1852132
Reported: 09/27/2017 15:50

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: U172651AA	Sample number(s): 9216326	
Tetrachloroethene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
	mg/l	mg/l
Batch number: 17265385801A	Sample number(s): 9216326	
Total Suspended Solids	N.D.	3.00
Batch number: 17265807901A	Sample number(s): 9216326	
HEM (oil & grease)	N.D.	5.0

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	ug/l	ug/l	ug/l	ug/l					
Batch number: U172651AA	Sample number(s): 9216326								
Tetrachloroethene	20	20.62			103		77-122		
1,1,1-Trichloroethane	20	18.52			93		77-123		
Trichloroethene	20	18.88			94		80-120		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 17263141083A	Sample number(s): 9216326								
Biochemical Oxygen Demand-BOD	198	189.3			96		85-115		
Batch number: 17265385801A	Sample number(s): 9216326								
Total Suspended Solids	150	143.7			96		89-105		
Batch number: 17265807901A	Sample number(s): 9216326								
HEM (oil & grease)	40	32.1	40	34.9	80	87	78-114	8	13

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1852132
Reported: 09/27/2017 15:50

MS/MSD

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: U172651AA	Sample number(s): 9216326 UNSPK: P218984									
Tetrachloroethene	N.D.	20	23.85	20	21.88	119	109	77-122	9	30
1,1,1-Trichloroethane	N.D.	20	21.6	20	19.4	108	97	77-123	11	30
Trichloroethene	N.D.	20	21.64	20	19.37	108	97	80-120	11	30
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 17265807901A	Sample number(s): 9216326 UNSPK: P211223									
HEM (oil & grease)	2.42	42.6	31.06			67*		78-114		

Laboratory Duplicate

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	BKG Conc mg/l	DUP Conc mg/l	DUP RPD	DUP RPD Max
Batch number: 17263141083A	Sample number(s): 9216326 BKG: P218955			
Biochemical Oxygen Demand-BOD	35.38	32.56	8	28
Batch number: 17265385801A	Sample number(s): 9216326 BKG: P219023			
Total Suspended Solids	235	227.5	3 (1)	5

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report. For dual column analyses, the surrogate (at least one surrogate for multi-surrogate tests) must be within the acceptance limits on at least one of the two columns.

Analysis Name: VOCs- 5ml Water by 624
Batch number: U172651AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
9216326	98	89	86
Blank	100	90	87
LCS	99	97	101
MS	98	98	104
MSD	97	98	103
Limits:	78-118	88-107	80-118

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1852132
Reported: 09/27/2017 15:50

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Lab # Client Code	Sampler Brian Musselman
Client Name/Phone/FAX Maryland Environmental Service	Project Name **BTR WWTP (Monthly)**
Client Address	Project Number 2559-2085-1700
Invoice Address	Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	9-19-17	0917	BOD, TSS
BTR-2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	9-19-17	0919	N+N, TKN, NH3, TP
BTR-3		Monthly Grab	1 Liter Glass H2S04	WW	1	9-19-17	0911	Oil and Grease
BTR-4		Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	9-19-17	0912	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

Transferred by:	Received by:	Date 9/19/17	Time 1107
Transferred by:	Received by:	Date 9/19/17	Time 1455
Transferred by:	Received by:	Date 9/19/17	Time 1630

Cooler Receipt Information **(LAB USE ONLY)**

Sufficient ice? (Yes)/No If No, temp.= 3.3

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

Custody Seal present/intact? - Yes/No

Initials: Date:

9/19/17 1640 Cooler 310

urofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 194

Group Number(s):

1852132

Client: EQCL

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	09/19/2017 18:45
Number of Packages:	1	Number of Projects:	17

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	N/A
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	Yes		

Unpacked by Cory Jeremiah (10469) at 19:27 on 09/19/2017

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

oler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	32170023	4.7	IR	Wet	Y	Bagged	N

Container Quantity Discrepancy Details

Sample ID on COC	Container Qty. Received	Container Qty. on COC	Comments
L6940195-1	5	4	

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-230
F 717-656-268
www.LancasterLab

Environmental

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	**mg**	milligram(s)
C	degrees Celsius	**mL**	milliliter(s)
cfu	colony forming units	**MPN**	Most Probable Number
CP Units	cobalt-chloroplatinate units	**N.D.**	non-detect
F	degrees Fahrenheit	**ng**	nanogram(s)
g	gram(s)	**NTU**	nephelometric turbidity units
IU	International Units	**pg/L**	picogram/liter
kg	kilogram(s)	**RL**	Reporting Limit
L	liter(s)	**TNTC**	Too Numerous To Count
lb.	pound(s)	**µg**	microgram(s)
m3	cubic meter(s)	**µL**	microliter(s)
meq	milliequivalents	**umhos/cm**	micromhos/cm

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Lancaster Laboratories Environmental

Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report
B	Detection in the Blank
Q0	LCS/LCSD Low
Q1	LCS/LCSD High
Q4	MS/MSD Out of Range
Q7	LCS/LCSD RPD
Q8	DUP RPD
Q9	MS/MSD RPD

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

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Analytical Report

Serialized: 10/25/2017 02:39pm DE36

Order Number:	L6961109
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-19-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6961109

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc. Analytical Report

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6961109
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 09-19-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6961109-1	FINAL 001 - GRAB	09/19/17 09:15am NA C	Customer

Received Date/Time 09/19/17 12:40pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Chesapeake Environmental Lab, Inc. (CHESAPEAKE)
E. COLI-MPN (DELAWARE)

Sample Comments | Result Qualifiers:

L6961109-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

Eurofins QC, Inc. (EQC) ***The following terms or abbreviations are used in this report:***

MPN	Most probable number		
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number	ND	For the odor test: No Odor Observed

ppm (mg/l) Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.

ppb (ug/L) Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.

< Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.

> Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers

J	Estimated value ≥ MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter Field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQCI Horsham facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters is performed by EQC Field staff and when the chain of custody identifies the field staff with the code: "ERF", that field staff performs tests under State certification # NJ 02015
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQCI: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQCI Delaware), and Bhavita Shah (EQCI Horsham, Microbiology).

EQC Accreditations

Horsham, PA	NELAP IDs: PA: 46-05499 NJ: PA093

New Castle, DE	State IDs:	DE 00011; MD 138
Wind Gap, PA	State IDs:	PA 48-01334; NJ PA001
East Rutherford, NJ	State ID:	NJ 02015
Vineland, NJ	State ID:	NJ 06005

2696189

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 107042

Project No. 2559 - 2085-110

12/96

Facility Name (Source):	Black & Decker (BTR) DWSTP			Collectors ID #:	SISM
Sample Location:	Final eff - Grab				
Bottle Numbers:	Chem:		Bact: BTR-5	Total Bottles:	1
Composite Sample Start	Date:		Time:	Name:	
Composite Sample End	Date:		Time:	Name:	
Grab Sample	Date: 9-19-17		Time: 0915	Name: Bo. Manahan	
Sample Type:	Drinking Water:	Effluent: Final eff	Influent:	Other:	
Field Tests:	pH: 6.85	DO: mg/l	Chlorine Residual:	Free:	mg/l
Flow:	mgd	Temp: 22.0 °C	Before DeCl2 (y/n)	Total:	mg/l

Res.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
Z	E. Coli	SM9223B/ 9221F	5.3	MPN/100ml	9-19-17 228p	9-20-17 1225p	DD
		* Please make sure method utilized is circled or written					

Preservatives:
None
None – iced
2ml H2SO4/liter iced
5ml HNO3/liter iced
Sterile w/thio
Other

Comments:

Chesapeake Environmental Lab, Inc.
(410) 643-0800
1-800-300-TEST

Reviewed by: [signature] Date 9-21-17

Analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	9-19-17	11:07	[signature]	9-19-17	11:07
2	[signature]	9-19-17	12:40	[signature]	9-19-17	12:40
3						
4						
5						
6						

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Analytical Report

Serialized: 10/25/2017 02:38pm DE36

Order Number:	L6961107
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-19-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6961107

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc. Analytical Report

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number: L6961107
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 09-19-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6961107-1	FINAL 101 - GRAB	09/19/17 09:10am NA C	Customer

Received Date/Time 09/19/17 12:40pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Chesapeake Environmental Lab, Inc. (CHESAPEAKE)
E. COLI-MPN (DELAWARE)

Sample Comments | Result Qualifiers:

L6961107-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

Eurofins QC, Inc. (EQC) ***The following terms or abbreviations are used in this report:***

MPN	Most probable number		
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number	ND	For the odor test: No Odor Observed

ppm (mg/l) Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.

ppb (ug/L) Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.

< Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.

> Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers

J	Estimated value ≥ MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter Field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQCI Horsham facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters is performed by EQC Field staff and when the chain of custody identifies the field staff with the code: "ERF", that field staff performs tests under State certification # NJ 02015
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQCI: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQCI Delaware), and Bhavita Shah (EQCI Horsham, Microbiology).

EQC Accreditations

Horsham, PA	NELAP IDs: PA: 46-05499 NJ: PA093

New Castle, DE	State IDs:	DE 00011; MD 138
Wind Gap, PA	State IDs:	PA 48-01334; NJ PA001
East Rutherford, NJ	State ID:	NJ 02015
Vineland, NJ	State ID:	NJ 06005

Lab: CEL

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 107041

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			Collectors ID #: 2500GS
Sample Location:	Final 101 - Grab			
Bottle Numbers:	Chem:		Bact: BTR-6	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 9-19-17		Time: 0910	Name: Garrett Schaller
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH:	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (y / n)	Total: >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	9-19-17 2:55p	9-20-17 12:25p	DD

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None – iced~~ VCD
3. 2ml H_2SO_4/liter iced
4. 5ml HNO_3/liter iced
5. Sterile w/thio
6. Other

Comments:

Chesapeake Environmental Lab, Inc
(410) 643-0800
1-800-300-TEST

Reviewed by: [signature] Date 9-21-17

All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Schaller	9-19-17	11:07	[signature]	9-19-17	11:07
2	[signature]	9-19-17	12:40	[signature]	9-19-17	12:40
3						
4						
5						

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Analytical Report

Serialized: 10/20/2017 11:54am DE36

Order Number:	L6961124
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-26-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE,MD 21108

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6961124

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 10/20/17 11:54 DE36

CHERYL GRIFFIN
MARYLAND ENVIRONMENTAL SERVICE B
259 NAJOLES ROAD
RE: BTR HAMPSTEAD WWTP
MILLERSVILLE, MD 21108

Order Number:	L6961124
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	09-26-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

Account No: AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** MES_AL0341 PI
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6961124-1	FINAL 101 - GRAB	09/26/17 09:11am NA C	Customer

Received Date/Time 09/26/17 09:11pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Chesapeake Environmental Lab, Inc. (CHESAPEAKE)
E. COLI-MPN (DELAWARE)

Sample Comments | Result Qualifiers:

L6961124-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

Eurofins QC, Inc. (EQC) ***The following terms or abbreviations are used in this report:***

MPN	Most probable number		
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL
TON	Threshold Odor Number	ND	For the odor test: No Odor Observed

ppm (mg/l) Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.

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< Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.

> Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers

J	Estimated value ≥ MDL but < RL.
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.
E	Microbiology: estimated CFU count
Q	Qualifier: defined in Sample Comment section on report

Warranties, Terms, and Conditions

- Unless otherwise indicated in the Parameter Field, analyses for environmental microbiology, odor, and pharmaceutical microbiology are performed at the EQCI Horsham facility (702 Electronic Dr. Horsham, PA 19044).
- Analyses for Field Parameters is performed by EQC Field staff and when the chain of custody identifies the field staff with the code: "ERF", that field staff performs tests under State certification # NJ 02015
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQCI is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQCI is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQCI's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
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EQC Accreditations

Horsham, PA	NELAP IDs: PA: 46-05499 NJ: PA093

New Castle, DE	State IDs:	DE 00011; MD 138
Wind Gap, PA	State IDs:	PA 48-01334; NJ PA001
East Rutherford, NJ	State ID:	NJ 02015
Vineland, NJ	State ID:	NJ 06005

Lab: CEL

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 107133

Project No. 2559-2085-1700

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			**Collectors ID #:** 2500 GS
Sample Location:	Final 101 - Grab			
Bottle Numbers:	**Chem:**		**Bact:** BTR-1	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 9-26-17		**Time:** 0911	**Name:** Garett Scheller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (y/n)**	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	(SM9223B)/ 9221F	<1.0	MPN/100ml	9-26-17 2350	9-27-17 1100	SS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None – iced~~ VGB
3. 2ml H_2SO_4/liter iced
4. 5ml HNO_3/liter iced
5. Sterile w/thio
6. Other

Comments:

Chesapeake Environmental Lab, Inc.
(410) 643-0800
1-800-300-TEST

Reviewed by: [signature] Date 9-28-17

All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	9-26-17	11:40	[signature]	9-26-17	11:40
2	[signature]	9-26-17	1:50	[signature]	9.26.17	1550
3						
4						
5						
6						

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 102133

09/12/96

Project No. 2559-2085-1700

Facility Name (Source):	Black and Decker (BTR) WWTP			Collectors ID #:	2500 GS
Sample Location:	Final 101 - Grab				
Bottle Numbers:	Chem:		Bact: BTR-1	Total Bottles:	1
Composite Sample Start	Date:		Time:	Name:	
Composite Sample End	Date:		Time:	Name:	
Grab Sample	Date: 9-26-17		Time: 0911	Name:	Garrett Scheller
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:	
Field Tests:	pH:	DO: mg/l	Chlorine Residual:	Free:	mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (y/n)	Total: >5.0	mg/l

Pres.	Analysis	Method *	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	9-26-17 2355a	9-27-17 1100a	SS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None – iced~~ VEL
3. 2ml H_2SO_4/liter iced
4. 5ml HNO_3/liter iced
5. Sterile w/thio
6. Other

Comments:

Chesapeake Environmental Lab, Inc.
(410) 643-0800
1-800-300-TEST

Reviewed by [signature] Date 9-28-17

All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:		Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Scheller	9-26-17	11:40	[signature]	9-26-17	11:40
2	[signature]	9-26-17	1:58	[signature]	9-26-17	1:58
3						
4						
5						
6						

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(AUGUST 2017)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 680-141797-1
Client Project/Site: Black & Decker

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

Attn: Greg Flasinski

Authorized for release by:
8/10/2017 11:49:15 AM

Keaton Conner, Project Manager I
(813)885-7427
keaton.conner@testamericainc.com

Job ID: 680-141797-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Black & Decker

Report Number: 680-141797-1

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 08/04/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Trip Blank (680-141797-1), RFW-20 (680-141797-2), RFW-21 (680-141797-3), HAMP-22 (680-141797-4) and HAMP-23 (680-141797-5) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 08/08/2017 and 08/09/2017.

1,2,4-Trichlorobenzene was detected in method blank MB 680-490739/10 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. Refer to the QC report for details.

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

TestAmerica Job ID: 680-141797-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-141797-1	Trip Blank	Water	08/02/17 06:00	08/04/17 09:10
680-141797-2	RFW-20	Water	08/02/17 09:00	08/04/17 09:10
680-141797-3	RFW-21	Water	08/02/17 08:15	08/04/17 09:10
680-141797-4	HAMP-22	Water	08/03/17 09:45	08/04/17 09:10
680-141797-5	HAMP-23	Water	08/03/17 09:50	08/04/17 09:10

Method Summary

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

TestAmerica Job ID: 680-141797-1

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

4

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

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.

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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)

Client Sample ID: Trip Blank

Date Collected: 08/02/17 06:00
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-1

Matrix: Water

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			08/09/17 13:13	1
Benzene	<0.50		0.50	0.082	ug/L			08/09/17 13:13	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/09/17 13:13	1
Bromoform	<0.50		0.50	0.17	ug/L			08/09/17 13:13	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/09/17 13:13	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/09/17 13:13	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/09/17 13:13	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/09/17 13:13	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/09/17 13:13	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/09/17 13:13	1
Chloroform	<0.50		0.50	0.20	ug/L			08/09/17 13:13	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/09/17 13:13	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/09/17 13:13	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/09/17 13:13	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/09/17 13:13	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/09/17 13:13	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/09/17 13:13	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/09/17 13:13	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/09/17 13:13	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/09/17 13:13	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/09/17 13:13	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/09/17 13:13	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/09/17 13:13	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/09/17 13:13	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/09/17 13:13	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/09/17 13:13	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/09/17 13:13	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/09/17 13:13	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/09/17 13:13	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/09/17 13:13	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/09/17 13:13	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/09/17 13:13	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/09/17 13:13	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/09/17 13:13	1
Freon 113	<0.50		0.50	0.15	ug/L			08/09/17 13:13	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/09/17 13:13	1
2-Hexanone	<10		10	5.0	ug/L			08/09/17 13:13	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/09/17 13:13	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/09/17 13:13	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/09/17 13:13	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/09/17 13:13	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/09/17 13:13	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/09/17 13:13	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/09/17 13:13	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/09/17 13:13	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/09/17 13:13	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/09/17 13:13	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/09/17 13:13	1
Styrene	<0.50		0.50	0.089	ug/L			08/09/17 13:13	1

Client Sample ID: Trip Blank

Date Collected: 08/02/17 06:00
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-1

Matrix: Water

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			08/09/17 13:13	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/09/17 13:13	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/09/17 13:13	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/09/17 13:13	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/09/17 13:13	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/09/17 13:13	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			08/09/17 13:13	1
Toluene	<0.50		0.50	0.086	ug/L			08/09/17 13:13	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/09/17 13:13	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/09/17 13:13	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/09/17 13:13	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			08/09/17 13:13	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/09/17 13:13	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/09/17 13:13	1
Trichloroethene	<0.50		0.50	0.13	ug/L			08/09/17 13:13	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/09/17 13:13	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/09/17 13:13	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			08/09/17 13:13	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/09/17 13:13	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/09/17 13:13	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/09/17 13:13	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/09/17 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*08/09/17 13:13*	*1*
1,2-Dichlorobenzene-d4	*97*		*70 - 130*		*08/09/17 13:13*	*1*

Client Sample Results

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

TestAmerica Job ID: 680-141797-1

Client Sample ID: RFW-20

Date Collected: 08/02/17 09:00
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.7	J	10	5.0	ug/L			08/08/17 16:24	1
Benzene	<0.50		0.50	0.082	ug/L			08/08/17 16:24	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/08/17 16:24	1
Bromoform	<0.50		0.50	0.17	ug/L			08/08/17 16:24	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/08/17 16:24	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/08/17 16:24	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:24	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/08/17 16:24	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/08/17 16:24	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/08/17 16:24	1
Chloroform	<0.50		0.50	0.20	ug/L			08/08/17 16:24	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/08/17 16:24	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/08/17 16:24	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/08/17 16:24	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 16:24	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/08/17 16:24	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/08/17 16:24	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/08/17 16:24	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/08/17 16:24	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/08/17 16:24	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/08/17 16:24	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/08/17 16:24	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/08/17 16:24	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/08/17 16:24	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/08/17 16:24	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/08/17 16:24	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/08/17 16:24	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/08/17 16:24	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/08/17 16:24	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/08/17 16:24	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/08/17 16:24	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/08/17 16:24	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/08/17 16:24	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/08/17 16:24	1
Freon 113	<0.50		0.50	0.15	ug/L			08/08/17 16:24	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/08/17 16:24	1
2-Hexanone	<10		10	5.0	ug/L			08/08/17 16:24	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/08/17 16:24	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/08/17 16:24	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/08/17 16:24	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/08/17 16:24	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/08/17 16:24	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/08/17 16:24	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/08/17 16:24	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 16:24	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 16:24	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/08/17 16:24	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:24	1
Styrene	<0.50		0.50	0.089	ug/L			08/08/17 16:24	1

Client Sample ID: RFW-20

Date Collected: 08/02/17 09:00
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-2

Matrix: Water

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			08/08/17 16:24	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/08/17 16:24	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:24	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/08/17 16:24	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/08/17 16:24	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/08/17 16:24	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			08/08/17 16:24	1
Toluene	<0.50		0.50	0.086	ug/L			08/08/17 16:24	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 16:24	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/08/17 16:24	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:24	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			08/08/17 16:24	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/08/17 16:24	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/08/17 16:24	1
Trichloroethene	**0.25**	**J**	0.50	0.13	ug/L			08/08/17 16:24	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/08/17 16:24	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/08/17 16:24	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			08/08/17 16:24	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 16:24	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/08/17 16:24	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/08/17 16:24	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/08/17 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*08/08/17 16:24*	*1*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*		*08/08/17 16:24*	*1*

Client Sample Results

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

TestAmerica Job ID: 680-141797-1

Client Sample ID: RFW-21

Date Collected: 08/02/17 08:15
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.3	J	10	5.0	ug/L			08/08/17 16:47	1
Benzene	<0.50		0.50	0.082	ug/L			08/08/17 16:47	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/08/17 16:47	1
Bromoform	<0.50		0.50	0.17	ug/L			08/08/17 16:47	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/08/17 16:47	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/08/17 16:47	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:47	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/08/17 16:47	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/08/17 16:47	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/08/17 16:47	1
Chloroform	<0.50		0.50	0.20	ug/L			08/08/17 16:47	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/08/17 16:47	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/08/17 16:47	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/08/17 16:47	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 16:47	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/08/17 16:47	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/08/17 16:47	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/08/17 16:47	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/08/17 16:47	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/08/17 16:47	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/08/17 16:47	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/08/17 16:47	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/08/17 16:47	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/08/17 16:47	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/08/17 16:47	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/08/17 16:47	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/08/17 16:47	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/08/17 16:47	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/08/17 16:47	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/08/17 16:47	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/08/17 16:47	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/08/17 16:47	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/08/17 16:47	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/08/17 16:47	1
Freon 113	<0.50		0.50	0.15	ug/L			08/08/17 16:47	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/08/17 16:47	1
2-Hexanone	<10		10	5.0	ug/L			08/08/17 16:47	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/08/17 16:47	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/08/17 16:47	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/08/17 16:47	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/08/17 16:47	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/08/17 16:47	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/08/17 16:47	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/08/17 16:47	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 16:47	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 16:47	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/08/17 16:47	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:47	1
Styrene	<0.50		0.50	0.089	ug/L			08/08/17 16:47	1

Client Sample ID: RFW-21

Date Collected: 08/02/17 08:15
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-3

Matrix: Water

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			08/08/17 16:47	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/08/17 16:47	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:47	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/08/17 16:47	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/08/17 16:47	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/08/17 16:47	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			08/08/17 16:47	1
Toluene	<0.50		0.50	0.086	ug/L			08/08/17 16:47	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 16:47	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/08/17 16:47	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 16:47	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			08/08/17 16:47	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/08/17 16:47	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/08/17 16:47	1
Trichloroethene	<0.50		0.50	0.13	ug/L			08/08/17 16:47	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/08/17 16:47	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/08/17 16:47	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			08/08/17 16:47	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 16:47	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/08/17 16:47	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/08/17 16:47	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/08/17 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*70 - 130*		*08/08/17 16:47*	*1*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*		*08/08/17 16:47*	*1*

Client Sample ID: HAMP-22

Date Collected: 08/03/17 09:45
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-4

Matrix: Water

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			08/08/17 17:10	1
Benzene	<0.50		0.50	0.082	ug/L			08/08/17 17:10	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/08/17 17:10	1
Bromoform	<0.50		0.50	0.17	ug/L			08/08/17 17:10	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/08/17 17:10	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/08/17 17:10	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:10	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/08/17 17:10	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/08/17 17:10	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/08/17 17:10	1
Chloroform	**0.25**	**J**	0.50	0.20	ug/L			08/08/17 17:10	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/08/17 17:10	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/08/17 17:10	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/08/17 17:10	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 17:10	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/08/17 17:10	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/08/17 17:10	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/08/17 17:10	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/08/17 17:10	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/08/17 17:10	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/08/17 17:10	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/08/17 17:10	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/08/17 17:10	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/08/17 17:10	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/08/17 17:10	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/08/17 17:10	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/08/17 17:10	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/08/17 17:10	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/08/17 17:10	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/08/17 17:10	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/08/17 17:10	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/08/17 17:10	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/08/17 17:10	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/08/17 17:10	1
Freon 113	<0.50		0.50	0.15	ug/L			08/08/17 17:10	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/08/17 17:10	1
2-Hexanone	<10		10	5.0	ug/L			08/08/17 17:10	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/08/17 17:10	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/08/17 17:10	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/08/17 17:10	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/08/17 17:10	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/08/17 17:10	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/08/17 17:10	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/08/17 17:10	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 17:10	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 17:10	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/08/17 17:10	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:10	1
Styrene	<0.50		0.50	0.089	ug/L			08/08/17 17:10	1

Client Sample ID: HAMP-22

Date Collected: 08/03/17 09:45
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-4

Matrix: Water

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			08/08/17 17:10	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/08/17 17:10	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:10	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/08/17 17:10	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/08/17 17:10	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/08/17 17:10	1
Tetrachloroethene	**0.41**	J	0.50	0.18	ug/L			08/08/17 17:10	1
Toluene	<0.50		0.50	0.086	ug/L			08/08/17 17:10	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 17:10	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/08/17 17:10	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:10	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			08/08/17 17:10	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/08/17 17:10	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/08/17 17:10	1
Trichloroethene	<0.50		0.50	0.13	ug/L			08/08/17 17:10	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/08/17 17:10	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/08/17 17:10	1
Trihalomethanes, Total	**0.25**	J	0.50	0.079	ug/L			08/08/17 17:10	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 17:10	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/08/17 17:10	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/08/17 17:10	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/08/17 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*08/08/17 17:10*	*1*
1,2-Dichlorobenzene-d4	*95*		*70 - 130*		*08/08/17 17:10*	*1*

Client Sample Results

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

TestAmerica Job ID: 680-141797-1

Client Sample ID: HAMP-23

Date Collected: 08/03/17 09:50
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.9	J	10	5.0	ug/L			08/08/17 17:33	1
Benzene	<0.50		0.50	0.082	ug/L			08/08/17 17:33	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/08/17 17:33	1
Bromoform	<0.50		0.50	0.17	ug/L			08/08/17 17:33	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/08/17 17:33	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/08/17 17:33	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:33	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/08/17 17:33	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/08/17 17:33	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/08/17 17:33	1
Chloroform	<0.50		0.50	0.20	ug/L			08/08/17 17:33	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/08/17 17:33	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/08/17 17:33	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/08/17 17:33	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 17:33	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/08/17 17:33	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/08/17 17:33	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/08/17 17:33	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/08/17 17:33	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/08/17 17:33	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/08/17 17:33	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/08/17 17:33	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/08/17 17:33	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/08/17 17:33	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/08/17 17:33	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/08/17 17:33	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/08/17 17:33	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/08/17 17:33	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/08/17 17:33	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/08/17 17:33	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/08/17 17:33	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/08/17 17:33	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/08/17 17:33	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/08/17 17:33	1
Freon 113	<0.50		0.50	0.15	ug/L			08/08/17 17:33	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/08/17 17:33	1
2-Hexanone	<10		10	5.0	ug/L			08/08/17 17:33	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/08/17 17:33	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/08/17 17:33	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/08/17 17:33	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/08/17 17:33	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/08/17 17:33	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/08/17 17:33	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/08/17 17:33	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 17:33	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 17:33	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/08/17 17:33	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:33	1
Styrene	<0.50		0.50	0.089	ug/L			08/08/17 17:33	1

Client Sample ID: HAMP-23

Date Collected: 08/03/17 09:50
Date Received: 08/04/17 09:10

Lab Sample ID: 680-141797-5

Matrix: Water

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			08/08/17 17:33	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/08/17 17:33	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:33	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/08/17 17:33	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/08/17 17:33	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/08/17 17:33	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			08/08/17 17:33	1
Toluene	<0.50		0.50	0.086	ug/L			08/08/17 17:33	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 17:33	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/08/17 17:33	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 17:33	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			08/08/17 17:33	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/08/17 17:33	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/08/17 17:33	1
Trichloroethene	<0.50		0.50	0.13	ug/L			08/08/17 17:33	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/08/17 17:33	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/08/17 17:33	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			08/08/17 17:33	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 17:33	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/08/17 17:33	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/08/17 17:33	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/08/17 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*08/08/17 17:33*	*1*
1,2-Dichlorobenzene-d4	*94*		*70 - 130*		*08/08/17 17:33*	*1*

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

Lab Sample ID: MB 680-490628/9
Matrix: Water
Analysis Batch: 490628

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			08/08/17 13:54	1
Benzene	<0.50		0.50	0.082	ug/L			08/08/17 13:54	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/08/17 13:54	1
Bromoform	<0.50		0.50	0.17	ug/L			08/08/17 13:54	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/08/17 13:54	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/08/17 13:54	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 13:54	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/08/17 13:54	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/08/17 13:54	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/08/17 13:54	1
Chloroform	<0.50		0.50	0.20	ug/L			08/08/17 13:54	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/08/17 13:54	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/08/17 13:54	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/08/17 13:54	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 13:54	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/08/17 13:54	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/08/17 13:54	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/08/17 13:54	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/08/17 13:54	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/08/17 13:54	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/08/17 13:54	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/08/17 13:54	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/08/17 13:54	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/08/17 13:54	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/08/17 13:54	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/08/17 13:54	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/08/17 13:54	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/08/17 13:54	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/08/17 13:54	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/08/17 13:54	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/08/17 13:54	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/08/17 13:54	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/08/17 13:54	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/08/17 13:54	1
Freon 113	<0.50		0.50	0.15	ug/L			08/08/17 13:54	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/08/17 13:54	1
2-Hexanone	<10		10	5.0	ug/L			08/08/17 13:54	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/08/17 13:54	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/08/17 13:54	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/08/17 13:54	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/08/17 13:54	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/08/17 13:54	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/08/17 13:54	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/08/17 13:54	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 13:54	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 13:54	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/08/17 13:54	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 13:54	1

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

Lab Sample ID: MB 680-490628/9
Matrix: Water
Analysis Batch: 490628

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.50		0.50	0.089	ug/L			08/08/17 13:54	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			08/08/17 13:54	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/08/17 13:54	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/08/17 13:54	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/08/17 13:54	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/08/17 13:54	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/08/17 13:54	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			08/08/17 13:54	1
Toluene	<0.50		0.50	0.086	ug/L			08/08/17 13:54	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/08/17 13:54	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/08/17 13:54	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/08/17 13:54	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			08/08/17 13:54	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/08/17 13:54	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/08/17 13:54	1
Trichloroethene	<0.50		0.50	0.13	ug/L			08/08/17 13:54	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/08/17 13:54	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/08/17 13:54	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			08/08/17 13:54	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/08/17 13:54	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/08/17 13:54	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/08/17 13:54	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/08/17 13:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*08/08/17 13:54*	*1*
1,2-Dichlorobenzene-d4	*95*		*70 - 130*		*08/08/17 13:54*	*1*

Lab Sample ID: LCS 680-490628/3
Matrix: Water
Analysis Batch: 490628

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	103		ug/L		103	70 - 130
Benzene	20.0	19.8		ug/L		99	70 - 130
Bromobenzene	20.0	20.6		ug/L		103	70 - 130
Bromoform	20.0	20.2		ug/L		101	70 - 130
Bromomethane	20.0	17.7		ug/L		88	70 - 130
Carbon tetrachloride	20.0	20.5		ug/L		102	70 - 130
Chlorobenzene	20.0	20.2		ug/L		101	70 - 130
Chlorobromomethane	20.0	20.5		ug/L		102	70 - 130
Chlorodibromomethane	20.0	20.2		ug/L		101	70 - 130
Chloroethane	20.0	23.6		ug/L		118	70 - 130
Chloroform	20.0	20.2		ug/L		101	70 - 130
Chloromethane	20.0	18.1		ug/L		90	70 - 130
2-Chlorotoluene	20.0	20.3		ug/L		101	70 - 130
4-Chlorotoluene	20.0	19.9		ug/L		100	70 - 130
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	70 - 130

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

Lab Sample ID: LCS 680-490628/3
Matrix: Water
Analysis Batch: 490628

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	20.4		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	21.3		ug/L		106	70 - 130
Dibromomethane	20.0	20.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	70 - 130
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
Dichlorobromomethane	20.0	20.3		ug/L		102	70 - 130
Dichlorodifluoromethane	20.0	20.9		ug/L		104	70 - 130
1,1-Dichloroethane	20.0	20.3		ug/L		101	70 - 130
1,2-Dichloroethane	20.0	19.9		ug/L		99	70 - 130
1,1-Dichloroethene	20.0	20.3		ug/L		102	70 - 130
1,2-Dichloropropane	20.0	20.1		ug/L		100	70 - 130
1,3-Dichloropropane	20.0	20.2		ug/L		101	70 - 130
2,2-Dichloropropane	20.0	21.2		ug/L		106	70 - 130
1,1-Dichloropropene	20.0	20.8		ug/L		104	70 - 130
1,3-Dichloropropene, Total	40.0	40.2		ug/L		100	70 - 130
Diisopropyl ether	20.0	20.3		ug/L		102	70 - 130
Ethylbenzene	20.0	20.5		ug/L		102	70 - 130
Ethylene Dibromide	20.0	20.4		ug/L		102	70 - 130
Freon 113	20.0	22.3		ug/L		111	70 - 130
Hexachlorobutadiene	20.0	21.4		ug/L		107	70 - 130
2-Hexanone	100	103		ug/L		103	70 - 130
Isopropylbenzene	20.0	20.2		ug/L		101	70 - 130
4-Isopropyltoluene	20.0	20.7		ug/L		104	70 - 130
Methylene Chloride	20.0	20.8		ug/L		104	70 - 130
2-Butanone (MEK)	100	112		ug/L		112	70 - 130
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	70 - 130
m-Xylene & p-Xylene	20.0	20.7		ug/L		103	70 - 130
Naphthalene	20.0	21.4		ug/L		107	70 - 130
n-Butylbenzene	20.0	21.4		ug/L		107	70 - 130
N-Propylbenzene	20.0	20.6		ug/L		103	70 - 130
o-Xylene	20.0	20.4		ug/L		102	70 - 130
sec-Butylbenzene	20.0	20.4		ug/L		102	70 - 130
Styrene	20.0	20.0		ug/L		100	70 - 130
Tert-amyl methyl ether	20.0	20.1		ug/L		101	70 - 130
tert-Butyl alcohol	200	206		ug/L		103	70 - 130
tert-Butylbenzene	20.0	20.6		ug/L		103	70 - 130
Tert-butyl ethyl ether	20.0	20.8		ug/L		104	70 - 130
1,1,1,2-Tetrachloroethane	20.0	20.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		102	70 - 130
Tetrachloroethene	20.0	21.3		ug/L		106	70 - 130
Toluene	20.0	20.4		ug/L		102	70 - 130
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 130
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	70 - 130
1,2,3-Trichlorobenzene	20.0	20.7		ug/L		104	70 - 130
1,2,4-Trichlorobenzene	20.0	21.1		ug/L		105	70 - 130
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	70 - 130
1,1,2-Trichloroethane	20.0	20.1		ug/L		101	70 - 130

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

Lab Sample ID: LCS 680-490628/3
Matrix: Water
Analysis Batch: 490628

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	21.1		ug/L		105	70 - 130
Trichlorofluoromethane	20.0	22.9		ug/L		115	70 - 130
1,2,3-Trichloropropane	20.0	20.5		ug/L		103	70 - 130
Trihalomethanes, Total	80.0	80.9		ug/L		101	70 - 130
1,2,4-Trimethylbenzene	20.0	19.8		ug/L		99	70 - 130
1,3,5-Trimethylbenzene	20.0	20.3		ug/L		102	70 - 130
Vinyl chloride	20.0	21.1		ug/L		106	70 - 130
Xylenes, Total	40.0	41.0		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*
1,2-Dichlorobenzene-d4	*101*		*70 - 130*

Lab Sample ID: LCSD 680-490628/4
Matrix: Water
Analysis Batch: 490628

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	102		ug/L		102	70 - 130	0	30
Benzene	20.0	20.1		ug/L		101	70 - 130	1	30
Bromobenzene	20.0	20.3		ug/L		102	70 - 130	1	30
Bromoform	20.0	20.6		ug/L		103	70 - 130	2	30
Bromomethane	20.0	20.4		ug/L		102	70 - 130	14	30
Carbon tetrachloride	20.0	20.2		ug/L		101	70 - 130	1	30
Chlorobenzene	20.0	20.4		ug/L		102	70 - 130	1	30
Chlorobromomethane	20.0	20.8		ug/L		104	70 - 130	2	30
Chlorodibromomethane	20.0	20.4		ug/L		102	70 - 130	1	30
Chloroethane	20.0	22.6		ug/L		113	70 - 130	4	30
Chloroform	20.0	19.9		ug/L		100	70 - 130	1	30
Chloromethane	20.0	17.3		ug/L		87	70 - 130	4	30
2-Chlorotoluene	20.0	20.0		ug/L		100	70 - 130	1	30
4-Chlorotoluene	20.0	19.5		ug/L		98	70 - 130	2	30
cis-1,2-Dichloroethene	20.0	21.1		ug/L		105	70 - 130	0	30
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	20.0	22.2		ug/L		111	70 - 130	4	30
Dibromomethane	20.0	20.3		ug/L		101	70 - 130	2	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	70 - 130	2	30
1,3-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130	1	30
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	70 - 130	1	30
Dichlorobromomethane	20.0	20.8		ug/L		104	70 - 130	2	30
Dichlorodifluoromethane	20.0	19.3		ug/L		96	70 - 130	8	30
1,1-Dichloroethane	20.0	20.0		ug/L		100	70 - 130	1	30
1,2-Dichloroethane	20.0	20.0		ug/L		100	70 - 130	1	30
1,1-Dichloroethene	20.0	20.3		ug/L		102	70 - 130	0	30
1,2-Dichloropropane	20.0	20.5		ug/L		103	70 - 130	2	30
1,3-Dichloropropane	20.0	20.7		ug/L		103	70 - 130	2	30
2,2-Dichloropropane	20.0	20.6		ug/L		103	70 - 130	3	30
1,1-Dichloropropene	20.0	20.4		ug/L		102	70 - 130	2	30

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

Lab Sample ID: LCSD 680-490628/4
Matrix: Water
Analysis Batch: 490628

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropene, Total	40.0	41.3		ug/L		103	70 - 130	3	30
Diisopropyl ether	20.0	20.2		ug/L		101	70 - 130	1	30
Ethylbenzene	20.0	20.2		ug/L		101	70 - 130	2	30
Ethylene Dibromide	20.0	21.5		ug/L		107	70 - 130	5	30
Freon 113	20.0	20.6		ug/L		103	70 - 130	8	30
Hexachlorobutadiene	20.0	21.5		ug/L		107	70 - 130	0	30
2-Hexanone	100	103		ug/L		103	70 - 130	0	30
Isopropylbenzene	20.0	19.7		ug/L		99	70 - 130	2	30
4-Isopropyltoluene	20.0	20.4		ug/L		102	70 - 130	2	30
Methylene Chloride	20.0	20.9		ug/L		104	70 - 130	0	30
2-Butanone (MEK)	100	117		ug/L		117	70 - 130	4	30
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	70 - 130	4	30
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	70 - 130	3	30
Naphthalene	20.0	21.8		ug/L		109	70 - 130	2	30
n-Butylbenzene	20.0	20.5		ug/L		102	70 - 130	5	30
N-Propylbenzene	20.0	20.3		ug/L		102	70 - 130	1	30
o-Xylene	20.0	19.9		ug/L		100	70 - 130	2	30
sec-Butylbenzene	20.0	20.1		ug/L		100	70 - 130	2	30
Styrene	20.0	20.0		ug/L		100	70 - 130	0	30
Tert-amyl methyl ether	20.0	20.7		ug/L		104	70 - 130	3	30
tert-Butyl alcohol	200	207		ug/L		104	70 - 130	1	30
tert-Butylbenzene	20.0	20.1		ug/L		101	70 - 130	3	30
Tert-butyl ethyl ether	20.0	20.9		ug/L		104	70 - 130	0	30
1,1,1,2-Tetrachloroethane	20.0	20.0		ug/L		100	70 - 130	0	30
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		102	70 - 130	0	30
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 130	3	30
Toluene	20.0	20.3		ug/L		102	70 - 130	1	30
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 130	0	30
trans-1,3-Dichloropropene	20.0	20.5		ug/L		103	70 - 130	3	30
1,2,3-Trichlorobenzene	20.0	21.4		ug/L		107	70 - 130	3	30
1,2,4-Trichlorobenzene	20.0	21.6		ug/L		108	70 - 130	2	30
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	70 - 130	1	30
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	70 - 130	2	30
Trichloroethene	20.0	21.0		ug/L		105	70 - 130	0	30
Trichlorofluoromethane	20.0	21.8		ug/L		109	70 - 130	5	30
1,2,3-Trichloropropane	20.0	20.3		ug/L		101	70 - 130	1	30
Trihalomethanes, Total	80.0	81.7		ug/L		102	70 - 130	1	30
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	70 - 130	1	30
1,3,5-Trimethylbenzene	20.0	20.0		ug/L		100	70 - 130	2	30
Vinyl chloride	20.0	20.8		ug/L		104	70 - 130	2	30
Xylenes, Total	40.0	39.9		ug/L		100	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
1,2-Dichlorobenzene-d4	*102*		*70 - 130*

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

Lab Sample ID: MB 680-490739/10
Matrix: Water
Analysis Batch: 490739

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			08/09/17 12:04	1
Benzene	<0.50		0.50	0.082	ug/L			08/09/17 12:04	1
Bromobenzene	<0.50		0.50	0.091	ug/L			08/09/17 12:04	1
Bromoform	<0.50		0.50	0.17	ug/L			08/09/17 12:04	1
Bromomethane	<1.0		1.0	0.20	ug/L			08/09/17 12:04	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			08/09/17 12:04	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			08/09/17 12:04	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			08/09/17 12:04	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			08/09/17 12:04	1
Chloroethane	<1.0		1.0	0.22	ug/L			08/09/17 12:04	1
Chloroform	<0.50		0.50	0.20	ug/L			08/09/17 12:04	1
Chloromethane	<0.50		0.50	0.15	ug/L			08/09/17 12:04	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			08/09/17 12:04	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			08/09/17 12:04	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/09/17 12:04	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			08/09/17 12:04	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			08/09/17 12:04	1
Dibromomethane	<0.50		0.50	0.16	ug/L			08/09/17 12:04	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			08/09/17 12:04	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			08/09/17 12:04	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			08/09/17 12:04	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			08/09/17 12:04	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			08/09/17 12:04	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			08/09/17 12:04	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			08/09/17 12:04	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			08/09/17 12:04	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			08/09/17 12:04	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			08/09/17 12:04	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			08/09/17 12:04	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			08/09/17 12:04	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			08/09/17 12:04	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			08/09/17 12:04	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			08/09/17 12:04	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			08/09/17 12:04	1
Freon 113	<0.50		0.50	0.15	ug/L			08/09/17 12:04	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			08/09/17 12:04	1
2-Hexanone	<10		10	5.0	ug/L			08/09/17 12:04	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			08/09/17 12:04	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			08/09/17 12:04	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			08/09/17 12:04	1
2-Butanone (MEK)	<10		10	5.0	ug/L			08/09/17 12:04	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			08/09/17 12:04	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			08/09/17 12:04	1
Naphthalene	<1.0		1.0	0.43	ug/L			08/09/17 12:04	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			08/09/17 12:04	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			08/09/17 12:04	1
o-Xylene	<0.50		0.50	0.086	ug/L			08/09/17 12:04	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			08/09/17 12:04	1

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

Lab Sample ID: MB 680-490739/10
Matrix: Water
Analysis Batch: 490739

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.50		0.50	0.089	ug/L			08/09/17 12:04	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			08/09/17 12:04	1
tert-Butyl alcohol	<10		10	1.6	ug/L			08/09/17 12:04	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			08/09/17 12:04	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			08/09/17 12:04	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			08/09/17 12:04	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			08/09/17 12:04	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			08/09/17 12:04	1
Toluene	<0.50		0.50	0.086	ug/L			08/09/17 12:04	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			08/09/17 12:04	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			08/09/17 12:04	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			08/09/17 12:04	1
1,2,4-Trichlorobenzene	0.130	J	0.50	0.12	ug/L			08/09/17 12:04	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			08/09/17 12:04	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			08/09/17 12:04	1
Trichloroethene	<0.50		0.50	0.13	ug/L			08/09/17 12:04	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			08/09/17 12:04	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			08/09/17 12:04	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			08/09/17 12:04	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			08/09/17 12:04	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			08/09/17 12:04	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			08/09/17 12:04	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			08/09/17 12:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 130*		*08/09/17 12:04*	*1*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*		*08/09/17 12:04*	*1*

Lab Sample ID: LCS 680-490739/3
Matrix: Water
Analysis Batch: 490739

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	94.8		ug/L		95	70 - 130
Benzene	20.0	20.9		ug/L		105	70 - 130
Bromobenzene	20.0	21.4		ug/L		107	70 - 130
Bromoform	20.0	20.8		ug/L		104	70 - 130
Bromomethane	20.0	19.9		ug/L		99	70 - 130
Carbon tetrachloride	20.0	21.8		ug/L		109	70 - 130
Chlorobenzene	20.0	21.6		ug/L		108	70 - 130
Chlorobromomethane	20.0	21.6		ug/L		108	70 - 130
Chlorodibromomethane	20.0	21.1		ug/L		105	70 - 130
Chloroethane	20.0	25.1		ug/L		125	70 - 130
Chloroform	20.0	20.8		ug/L		104	70 - 130
Chloromethane	20.0	18.5		ug/L		93	70 - 130
2-Chlorotoluene	20.0	21.5		ug/L		108	70 - 130
4-Chlorotoluene	20.0	21.0		ug/L		105	70 - 130
cis-1,2-Dichloroethene	20.0	22.1		ug/L		110	70 - 130

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

Lab Sample ID: LCS 680-490739/3
Matrix: Water
Analysis Batch: 490739

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	22.3		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/L		103	70 - 130
Dibromomethane	20.0	20.7		ug/L		104	70 - 130
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	70 - 130
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	70 - 130
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	70 - 130
Dichlorobromomethane	20.0	21.5		ug/L		107	70 - 130
Dichlorodifluoromethane	20.0	22.5		ug/L		112	70 - 130
1,1-Dichloroethane	20.0	20.8		ug/L		104	70 - 130
1,2-Dichloroethane	20.0	20.1		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	22.0		ug/L		110	70 - 130
1,2-Dichloropropane	20.0	21.7		ug/L		108	70 - 130
1,3-Dichloropropane	20.0	20.7		ug/L		103	70 - 130
2,2-Dichloropropane	20.0	22.9		ug/L		115	70 - 130
1,1-Dichloropropene	20.0	22.5		ug/L		113	70 - 130
1,3-Dichloropropene, Total	40.0	43.5		ug/L		109	70 - 130
Diisopropyl ether	20.0	20.7		ug/L		104	70 - 130
Ethylbenzene	20.0	21.8		ug/L		109	70 - 130
Ethylene Dibromide	20.0	21.0		ug/L		105	70 - 130
Freon 113	20.0	23.3		ug/L		117	70 - 130
Hexachlorobutadiene	20.0	23.2		ug/L		116	70 - 130
2-Hexanone	100	99.7		ug/L		100	70 - 130
Isopropylbenzene	20.0	21.7		ug/L		108	70 - 130
4-Isopropyltoluene	20.0	22.4		ug/L		112	70 - 130
Methylene Chloride	20.0	21.0		ug/L		105	70 - 130
2-Butanone (MEK)	100	105		ug/L		105	70 - 130
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	70 - 130
m-Xylene & p-Xylene	20.0	21.9		ug/L		109	70 - 130
Naphthalene	20.0	21.1		ug/L		106	70 - 130
n-Butylbenzene	20.0	23.5		ug/L		117	70 - 130
N-Propylbenzene	20.0	22.0		ug/L		110	70 - 130
o-Xylene	20.0	21.5		ug/L		107	70 - 130
sec-Butylbenzene	20.0	22.0		ug/L		110	70 - 130
Styrene	20.0	21.2		ug/L		106	70 - 130
Tert-amyl methyl ether	20.0	20.1		ug/L		100	70 - 130
tert-Butyl alcohol	200	183		ug/L		91	70 - 130
tert-Butylbenzene	20.0	22.0		ug/L		110	70 - 130
Tert-butyl ethyl ether	20.0	21.2		ug/L		106	70 - 130
1,1,1,2-Tetrachloroethane	20.0	20.9		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		102	70 - 130
Tetrachloroethene	20.0	22.5		ug/L		113	70 - 130
Toluene	20.0	21.4		ug/L		107	70 - 130
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	70 - 130
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	70 - 130
1,2,3-Trichlorobenzene	20.0	21.9		ug/L		110	70 - 130
1,2,4-Trichlorobenzene	20.0	22.5		ug/L		112	70 - 130
1,1,1-Trichloroethane	20.0	20.9		ug/L		104	70 - 130
1,1,2-Trichloroethane	20.0	20.5		ug/L		103	70 - 130

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

Lab Sample ID: LCS 680-490739/3
Matrix: Water
Analysis Batch: 490739

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	22.3		ug/L		112	70 - 130
Trichlorofluoromethane	20.0	24.3		ug/L		122	70 - 130
1,2,3-Trichloropropane	20.0	20.5		ug/L		103	70 - 130
Trihalomethanes, Total	80.0	84.2		ug/L		105	70 - 130
1,2,4-Trimethylbenzene	20.0	21.3		ug/L		107	70 - 130
1,3,5-Trimethylbenzene	20.0	21.7		ug/L		108	70 - 130
Vinyl chloride	20.0	22.6		ug/L		113	70 - 130
Xylenes, Total	40.0	43.3		ug/L		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*70 - 130*
1,2-Dichlorobenzene-d4	*100*		*70 - 130*

Lab Sample ID: LCSD 680-490739/4
Matrix: Water
Analysis Batch: 490739

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	93.8		ug/L		94	70 - 130	1	30
Benzene	20.0	20.1		ug/L		100	70 - 130	4	30
Bromobenzene	20.0	20.9		ug/L		105	70 - 130	2	30
Bromoform	20.0	20.5		ug/L		102	70 - 130	1	30
Bromomethane	20.0	19.3		ug/L		96	70 - 130	3	30
Carbon tetrachloride	20.0	20.7		ug/L		103	70 - 130	5	30
Chlorobenzene	20.0	20.5		ug/L		102	70 - 130	5	30
Chlorobromomethane	20.0	21.2		ug/L		106	70 - 130	2	30
Chlorodibromomethane	20.0	20.7		ug/L		103	70 - 130	2	30
Chloroethane	20.0	24.3		ug/L		122	70 - 130	3	30
Chloroform	20.0	20.6		ug/L		103	70 - 130	1	30
Chloromethane	20.0	17.9		ug/L		90	70 - 130	3	30
2-Chlorotoluene	20.0	21.0		ug/L		105	70 - 130	3	30
4-Chlorotoluene	20.0	20.6		ug/L		103	70 - 130	1	30
cis-1,2-Dichloroethene	20.0	21.8		ug/L		109	70 - 130	1	30
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	20.0	21.5		ug/L		107	70 - 130	4	30
Dibromomethane	20.0	19.9		ug/L		100	70 - 130	4	30
1,2-Dichlorobenzene	20.0	20.8		ug/L		104	70 - 130	4	30
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130	1	30
1,4-Dichlorobenzene	20.0	20.7		ug/L		104	70 - 130	3	30
Dichlorobromomethane	20.0	20.5		ug/L		103	70 - 130	4	30
Dichlorodifluoromethane	20.0	21.7		ug/L		109	70 - 130	3	30
1,1-Dichloroethane	20.0	21.1		ug/L		105	70 - 130	1	30
1,2-Dichloroethane	20.0	19.7		ug/L		98	70 - 130	2	30
1,1-Dichloroethene	20.0	21.5		ug/L		107	70 - 130	2	30
1,2-Dichloropropane	20.0	20.4		ug/L		102	70 - 130	6	30
1,3-Dichloropropane	20.0	19.7		ug/L		99	70 - 130	5	30
2,2-Dichloropropane	20.0	22.0		ug/L		110	70 - 130	4	30
1,1-Dichloropropene	20.0	21.6		ug/L		108	70 - 130	4	30

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

Lab Sample ID: LCSD 680-490739/4
Matrix: Water
Analysis Batch: 490739

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropene, Total	40.0	40.5		ug/L		101	70 - 130	7	30
Diisopropyl ether	20.0	20.6		ug/L		103	70 - 130	1	30
Ethylbenzene	20.0	21.4		ug/L		107	70 - 130	2	30
Ethylene Dibromide	20.0	19.9		ug/L		100	70 - 130	5	30
Freon 113	20.0	22.3		ug/L		111	70 - 130	5	30
Hexachlorobutadiene	20.0	22.5		ug/L		112	70 - 130	3	30
2-Hexanone	100	96.1		ug/L		96	70 - 130	4	30
Isopropylbenzene	20.0	21.1		ug/L		106	70 - 130	3	30
4-Isopropyltoluene	20.0	21.9		ug/L		109	70 - 130	2	30
Methylene Chloride	20.0	20.7		ug/L		104	70 - 130	1	30
2-Butanone (MEK)	100	103		ug/L		103	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	100	97.0		ug/L		97	70 - 130	7	30
m-Xylene & p-Xylene	20.0	21.2		ug/L		106	70 - 130	3	30
Naphthalene	20.0	20.5		ug/L		102	70 - 130	3	30
n-Butylbenzene	20.0	22.7		ug/L		114	70 - 130	3	30
N-Propylbenzene	20.0	21.4		ug/L		107	70 - 130	3	30
o-Xylene	20.0	20.9		ug/L		104	70 - 130	3	30
sec-Butylbenzene	20.0	21.4		ug/L		107	70 - 130	3	30
Styrene	20.0	20.6		ug/L		103	70 - 130	2	30
Tert-amyl methyl ether	20.0	19.9		ug/L		100	70 - 130	1	30
tert-Butyl alcohol	200	186		ug/L		93	70 - 130	2	30
tert-Butylbenzene	20.0	21.3		ug/L		106	70 - 130	3	30
Tert-butyl ethyl ether	20.0	20.8		ug/L		104	70 - 130	2	30
1,1,1,2-Tetrachloroethane	20.0	20.6		ug/L		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		101	70 - 130	2	30
Tetrachloroethene	20.0	21.7		ug/L		109	70 - 130	4	30
Toluene	20.0	20.8		ug/L		104	70 - 130	3	30
trans-1,2-Dichloroethene	20.0	21.1		ug/L		106	70 - 130	1	30
trans-1,3-Dichloropropene	20.0	19.7		ug/L		99	70 - 130	7	30
1,2,3-Trichlorobenzene	20.0	21.3		ug/L		106	70 - 130	3	30
1,2,4-Trichlorobenzene	20.0	22.1		ug/L		110	70 - 130	2	30
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	70 - 130	5	30
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	70 - 130	4	30
Trichloroethene	20.0	21.7		ug/L		109	70 - 130	3	30
Trichlorofluoromethane	20.0	23.5		ug/L		118	70 - 130	3	30
1,2,3-Trichloropropane	20.0	19.8		ug/L		99	70 - 130	4	30
Trihalomethanes, Total	80.0	82.3		ug/L		103	70 - 130	2	30
1,2,4-Trimethylbenzene	20.0	20.6		ug/L		103	70 - 130	3	30
1,3,5-Trimethylbenzene	20.0	21.1		ug/L		106	70 - 130	2	30
Vinyl chloride	20.0	22.1		ug/L		111	70 - 130	2	30
Xylenes, Total	40.0	42.1		ug/L		105	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*70 - 130*
1,2-Dichlorobenzene-d4	*101*		*70 - 130*

QC Association Summary

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

TestAmerica Job ID: 680-141797-1

GC/MS VOA

Analysis Batch: 490628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-141797-2	RFW-20	Total/NA	Water	524.2	
680-141797-3	RFW-21	Total/NA	Water	524.2	
680-141797-4	HAMP-22	Total/NA	Water	524.2	
680-141797-5	HAMP-23	Total/NA	Water	524.2	
MB 680-490628/9	Method Blank	Total/NA	Water	524.2	
LCS 680-490628/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-490628/4	Lab Control Sample Dup	Total/NA	Water	524.2	

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Analysis Batch: 490739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-141797-1	Trip Blank	Total/NA	Water	524.2	
MB 680-490739/10	Method Blank	Total/NA	Water	524.2	
LCS 680-490739/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-490739/4	Lab Control Sample Dup	Total/NA	Water	524.2	

Lab Chronicle

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

TestAmerica Job ID: 680-141797-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-141797-1
Matrix: Water

Date Collected: 08/02/17 06:00
Date Received: 08/04/17 09:10

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	490739	08/09/17 13:13	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: RFW-20

Lab Sample ID: 680-141797-2
Matrix: Water

Date Collected: 08/02/17 09:00
Date Received: 08/04/17 09:10

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	490628	08/08/17 16:24	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: RFW-21

Lab Sample ID: 680-141797-3
Matrix: Water

Date Collected: 08/02/17 08:15
Date Received: 08/04/17 09:10

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	490628	08/08/17 16:47	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-22

Lab Sample ID: 680-141797-4
Matrix: Water

Date Collected: 08/03/17 09:45
Date Received: 08/04/17 09:10

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	490628	08/08/17 17:10	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-23

Lab Sample ID: 680-141797-5
Matrix: Water

Date Collected: 08/03/17 09:50
Date Received: 08/04/17 09:10

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	490628	08/08/17 17:33	DAS	TAL SAV
	Instrument ID: CMSS									

Laboratory References:

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

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TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax: 681-Atlanta

Chain of Custody Record

204464

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other

TAL-8210 (0713)

Client Contact	Project Manager: Keaten Conner	Site Contact: Greg Flaum	Date: 8/3/17	COC No
Company Name: Western Solutions	Tel/Fax:	Lab Contact:	Carrier:	of COCs
Address: 1410 Western Way	Analysis Turnaround Time			Sampler:
City/State/Zip: W Chesty PA	CALENDAR DAYS WORKING DAYS			For Lab Use Only:
Phone: 610.721.0583	TAT if different from Below: Standard			Walk-in Client
Fax:	2 weeks			Lab Sampling
Project Name: Black + Decker	1 week			Job / SDG No
Site:	2 days			
P O #:	1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	537.1	Sample Specific Notes
Trip Blank	8/2/17	0600	G	W	2	N	N	✓	
RFW 20		900			3			✓	
RFW 21		815			3			✓	
HAMP-22	8/3/17	945			3			✓	
HAMP-23		950			3			✓	

680-141797 Chain of Custody

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

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For Months

Special Instructions/QC Requirements & Comments:

2.6 CCF + 0.2 2.8

Custody Seals Intact: Yes No	Custody Seal No:	Cooler Temp (°C) Obs'd: Corr'd:	Therm ID No:

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	Western	8/3/17 1600	Fed Ex		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
	TASA			TASA	8/4/17 0910

CRE 8/4

8/10/2017

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-141797-1

Login Number: 141797
List Number: 1
Creator: Edwards, Jessica R

List Source: TestAmerica Savannah

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

TestAmerica Job ID: 680-141797-1

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Maryland	State Program	3	250	12-31-17

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TestAmerica

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ANALYTICAL REPORT

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

TestAmerica Job ID: 500-132231-1
Client Project/Site: Black and Decker

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

Attn: Greg Flasinski

Authorized for release by:
8/18/2017 3:13:38 PM

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

Table of Contents

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Job ID: 500-132231-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-132231-1

Comments
No additional comments.

Receipt
The samples were received on 8/7/2017 10:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 13.8° C.

GC/MS VOA
Method(s) 8260B: The following analytes recovered outside control limits for the LCS associated with bromomethane, isopropylbenzene and bromobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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

Detection Summary

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-1A — Lab Sample ID: 500-132231-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.0		0.50	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-1B — Lab Sample ID: 500-132231-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.99		0.50	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-2A — Lab Sample ID: 500-132231-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.74		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-2B — Lab Sample ID: 500-132231-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.71		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-3B — Lab Sample ID: 500-132231-5

No Detections.

Client Sample ID: RFW-4A — Lab Sample ID: 500-132231-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.1	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	31		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.5		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A DUP — Lab Sample ID: 500-132231-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.98	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.1	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	31		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.7		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4B — Lab Sample ID: 500-132231-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.7	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	61		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	78		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-6 — Lab Sample ID: 500-132231-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.1		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-7 — Lab Sample ID: 500-132231-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.2		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-9 — Lab Sample ID: 500-132231-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.66	J	1.0	0.39	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.51	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	8.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.0		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-11B — Lab Sample ID: 500-132231-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.7		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-12B — Lab Sample ID: 500-132231-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	160		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	14		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-13 — Lab Sample ID: 500-132231-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	2.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-17 — Lab Sample ID: 500-132231-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.41	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-132231-16

No Detections.

Client Sample ID: EW-2 — Lab Sample ID: 500-132231-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.2		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	99		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	53		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-3 — Lab Sample ID: 500-132231-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.16	J	0.50	0.15	ug/L	1		8260B	Total/NA
Acetone	7.0		5.0	1.7	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-3 (Continued)

Lab Sample ID: 500-132231-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	28		0.50	0.16	ug/L	1		8260B	Total/NA
Toluene	0.15	J	0.50	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4

Lab Sample ID: 500-132231-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	180		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.0		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-5

Lab Sample ID: 500-132231-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	81		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-6

Lab Sample ID: 500-132231-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.6		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7

Lab Sample ID: 500-132231-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.2		5.0	1.7	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.60	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.1		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	4.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8

Lab Sample ID: 500-132231-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.91	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	34		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	7.7		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	66		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9

Lab Sample ID: 500-132231-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.59		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	70		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-132231-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.8		5.0	1.7	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-9 DUP (Continued)

Lab Sample ID: 500-132231-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.70		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	72		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-10

Lab Sample ID: 500-132231-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.8		1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

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

TestAmerica Job ID: 500-132231-1

Method	Method Description	Protocol	Laboratory
8260B	VOC	SW846	TAL CHI

Protocol References:

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

Laboratory References:

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

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Sample Summary

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

TestAmerica Job ID: 500-132231-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-132231-1	RFW-1A	Water	08/02/17 07:20	08/07/17 10:25
500-132231-2	RFW-1B	Water	08/02/17 07:25	08/07/17 10:25
500-132231-3	RFW-2A	Water	08/02/17 10:05	08/07/17 10:25
500-132231-4	RFW-2B	Water	08/02/17 10:50	08/07/17 10:25
500-132231-5	RFW-3B	Water	08/02/17 16:00	08/07/17 10:25
500-132231-6	RFW-4A	Water	08/03/17 10:40	08/07/17 10:25
500-132231-7	RFW-4A DUP	Water	08/03/17 10:40	08/07/17 10:25
500-132231-8	RFW-4B	Water	08/03/17 11:25	08/07/17 10:25
500-132231-9	RFW-6	Water	08/02/17 12:40	08/07/17 10:25
500-132231-10	RFW-7	Water	08/02/17 11:40	08/07/17 10:25
500-132231-11	RFW-9	Water	08/02/17 08:10	08/07/17 10:25
500-132231-12	RFW-11B	Water	08/03/17 09:20	08/07/17 10:25
500-132231-13	RFW-12B	Water	08/03/17 12:30	08/07/17 10:25
500-132231-14	RFW-13	Water	08/02/17 14:55	08/07/17 10:25
500-132231-15	RFW-17	Water	08/02/17 13:35	08/07/17 10:25
500-132231-16	Trip Blank	Water	08/02/17 06:00	08/07/17 10:25
500-132231-17	EW-2	Water	08/03/17 13:00	08/07/17 10:25
500-132231-18	EW-3	Water	08/03/17 09:30	08/07/17 10:25
500-132231-19	EW-4	Water	08/03/17 08:50	08/07/17 10:25
500-132231-20	EW-5	Water	08/03/17 08:25	08/07/17 10:25
500-132231-21	EW-6	Water	08/02/17 16:25	08/07/17 10:25
500-132231-22	EW-7	Water	08/02/17 16:20	08/07/17 10:25
500-132231-23	EW-8	Water	08/02/17 16:15	08/07/17 10:25
500-132231-24	EW-9	Water	08/02/17 16:10	08/07/17 10:25
500-132231-25	EW-9 DUP	Water	08/02/17 16:10	08/07/17 10:25
500-132231-26	EW-10	Water	08/02/17 15:45	08/07/17 10:25

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-1A

Date Collected: 08/02/17 07:20
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-1

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			08/10/17 14:10	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 14:10	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 14:10	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 14:10	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 14:10	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 14:10	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 14:10	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 14:10	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 14:10	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 14:10	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 14:10	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 14:10	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 14:10	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 14:10	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 14:10	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 14:10	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 14:10	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 14:10	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 14:10	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 14:10	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/10/17 14:10	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 14:10	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 14:10	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 14:10	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 14:10	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 14:10	1
Toluene	1.0		0.50	0.15	ug/L			08/10/17 14:10	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 14:10	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 14:10	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 14:10	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 14:10	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 14:10	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 14:10	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 14:10	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 14:10	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 14:10	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 14:10	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 14:10	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 14:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 14:10	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 14:10	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 14:10	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 14:10	1

Client Sample ID: RFW-1A

Date Collected: 08/02/17 07:20
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-1

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/10/17 14:10	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 14:10	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 14:10	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 14:10	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 14:10	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 14:10	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 14:10	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 14:10	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 14:10	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 14:10	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 14:10	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 14:10	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 14:10	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 14:10	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*08/10/17 14:10*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*08/10/17 14:10*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 14:10*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*08/10/17 14:10*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-1B

Date Collected: 08/02/17 07:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-2

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			08/10/17 14:38	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 14:38	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 14:38	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 14:38	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 14:38	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 14:38	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 14:38	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 14:38	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 14:38	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 14:38	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 14:38	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 14:38	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 14:38	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 14:38	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 14:38	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 14:38	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 14:38	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 14:38	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 14:38	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 14:38	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/10/17 14:38	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 14:38	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 14:38	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 14:38	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 14:38	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 14:38	1
Toluene	0.99		0.50	0.15	ug/L			08/10/17 14:38	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 14:38	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 14:38	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 14:38	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 14:38	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 14:38	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 14:38	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 14:38	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 14:38	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 14:38	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 14:38	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 14:38	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 14:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 14:38	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 14:38	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 14:38	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 14:38	1

Client Sample ID: RFW-1B

Date Collected: 08/02/17 07:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-2

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/10/17 14:38	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 14:38	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 14:38	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 14:38	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 14:38	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 14:38	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 14:38	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 14:38	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 14:38	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 14:38	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 14:38	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 14:38	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 14:38	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 14:38	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*08/10/17 14:38*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/10/17 14:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 14:38*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*08/10/17 14:38*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-2A

Date Collected: 08/02/17 10:05
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-3

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			08/10/17 15:05	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 15:05	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 15:05	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 15:05	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 15:05	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 15:05	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 15:05	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 15:05	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 15:05	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 15:05	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 15:05	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 15:05	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 15:05	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 15:05	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 15:05	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 15:05	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 15:05	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 15:05	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 15:05	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 15:05	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
Trichloroethene	**0.74**		0.50	0.16	ug/L			08/10/17 15:05	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 15:05	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 15:05	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 15:05	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 15:05	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 15:05	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 15:05	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 15:05	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 15:05	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 15:05	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 15:05	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 15:05	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 15:05	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 15:05	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 15:05	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 15:05	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 15:05	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 15:05	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 15:05	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 15:05	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 15:05	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 15:05	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 15:05	1

Client Sample ID: RFW-2A

Date Collected: 08/02/17 10:05
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-3

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			08/10/17 15:05	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 15:05	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 15:05	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 15:05	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 15:05	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 15:05	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 15:05	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 15:05	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 15:05	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 15:05	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 15:05	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 15:05	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 15:05	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 15:05	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*08/10/17 15:05*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*08/10/17 15:05*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*08/10/17 15:05*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*08/10/17 15:05*	*1*

Client Sample ID: RFW-2B

Date Collected: 08/02/17 10:50
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-4

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			08/10/17 15:33	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 15:33	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 15:33	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 15:33	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 15:33	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 15:33	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 15:33	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 15:33	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 15:33	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 15:33	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 15:33	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 15:33	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 15:33	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 15:33	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 15:33	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 15:33	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 15:33	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 15:33	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 15:33	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 15:33	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
Trichloroethene	**0.71**		0.50	0.16	ug/L			08/10/17 15:33	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 15:33	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 15:33	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 15:33	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 15:33	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 15:33	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 15:33	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 15:33	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 15:33	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 15:33	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 15:33	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 15:33	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 15:33	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 15:33	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 15:33	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 15:33	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 15:33	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 15:33	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 15:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 15:33	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 15:33	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 15:33	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 15:33	1

Client Sample ID: RFW-2B

Date Collected: 08/02/17 10:50
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-4

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			08/10/17 15:33	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 15:33	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 15:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 15:33	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 15:33	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 15:33	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 15:33	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 15:33	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 15:33	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 15:33	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 15:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 15:33	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 15:33	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 15:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*08/10/17 15:33*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*08/10/17 15:33*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*08/10/17 15:33*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*08/10/17 15:33*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-3B

Date Collected: 08/02/17 16:00
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-5

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			08/10/17 16:01	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 16:01	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 16:01	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 16:01	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 16:01	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 16:01	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 16:01	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 16:01	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 16:01	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 16:01	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 16:01	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 16:01	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 16:01	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 16:01	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 16:01	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 16:01	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 16:01	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 16:01	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 16:01	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 16:01	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/10/17 16:01	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 16:01	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 16:01	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 16:01	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 16:01	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 16:01	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 16:01	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 16:01	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 16:01	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 16:01	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 16:01	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 16:01	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 16:01	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 16:01	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 16:01	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 16:01	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 16:01	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 16:01	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:01	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 16:01	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 16:01	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 16:01	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 16:01	1

Client Sample ID: RFW-3B

Date Collected: 08/02/17 16:00
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-5

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			08/10/17 16:01	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 16:01	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:01	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:01	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:01	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:01	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 16:01	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:01	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:01	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 16:01	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 16:01	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 16:01	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 16:01	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 16:01	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*08/10/17 16:01*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/10/17 16:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/10/17 16:01*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*08/10/17 16:01*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-4A

Date Collected: 08/03/17 10:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-6

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			08/10/17 16:28	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 16:28	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 16:28	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 16:28	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 16:28	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 16:28	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 16:28	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 16:28	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 16:28	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 16:28	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 16:28	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 16:28	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 16:28	1
cis-1,2-Dichloroethene	1.1		1.0	0.41	ug/L			08/10/17 16:28	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 16:28	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 16:28	1
Chloroform	1.1	J	2.0	0.37	ug/L			08/10/17 16:28	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 16:28	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 16:28	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 16:28	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
Trichloroethene	31		0.50	0.16	ug/L			08/10/17 16:28	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 16:28	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 16:28	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 16:28	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 16:28	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 16:28	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 16:28	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 16:28	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 16:28	1
Tetrachloroethene	9.5		1.0	0.37	ug/L			08/10/17 16:28	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 16:28	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 16:28	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 16:28	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 16:28	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 16:28	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 16:28	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 16:28	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 16:28	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 16:28	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 16:28	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 16:28	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 16:28	1

Client Sample ID: RFW-4A

Date Collected: 08/03/17 10:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-6

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/10/17 16:28	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 16:28	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:28	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:28	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:28	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 16:28	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:28	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:28	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 16:28	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 16:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 16:28	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 16:28	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 16:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*08/10/17 16:28*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*08/10/17 16:28*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 16:28*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*08/10/17 16:28*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-4A DUP

Date Collected: 08/03/17 10:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-7

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			08/10/17 16:56	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 16:56	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 16:56	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 16:56	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 16:56	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 16:56	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 16:56	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 16:56	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 16:56	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 16:56	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 16:56	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 16:56	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 16:56	1
cis-1,2-Dichloroethene	**0.98**	J	1.0	0.41	ug/L			08/10/17 16:56	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 16:56	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 16:56	1
Chloroform	**1.1**	J	2.0	0.37	ug/L			08/10/17 16:56	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 16:56	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 16:56	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 16:56	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
Trichloroethene	**31**		0.50	0.16	ug/L			08/10/17 16:56	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 16:56	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 16:56	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 16:56	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 16:56	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 16:56	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 16:56	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 16:56	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 16:56	1
Tetrachloroethene	**9.7**		1.0	0.37	ug/L			08/10/17 16:56	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 16:56	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 16:56	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 16:56	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 16:56	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 16:56	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 16:56	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 16:56	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 16:56	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 16:56	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 16:56	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 16:56	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 16:56	1

Client Sample ID: RFW-4A DUP

Date Collected: 08/03/17 10:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-7

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			08/10/17 16:56	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 16:56	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:56	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:56	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:56	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 16:56	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 16:56	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 16:56	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 16:56	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 16:56	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 16:56	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 16:56	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 16:56	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 16:56	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*08/10/17 16:56*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*08/10/17 16:56*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 16:56*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*08/10/17 16:56*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-4B

Date Collected: 08/03/17 11:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-8

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			08/10/17 17:23	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 17:23	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 17:23	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 17:23	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 17:23	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 17:23	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 17:23	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 17:23	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 17:23	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 17:23	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 17:23	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 17:23	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 17:23	1
cis-1,2-Dichloroethene	**3.5**		1.0	0.41	ug/L			08/10/17 17:23	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 17:23	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 17:23	1
Chloroform	**1.7**	J	2.0	0.37	ug/L			08/10/17 17:23	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 17:23	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 17:23	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 17:23	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
Trichloroethene	**61**		0.50	0.16	ug/L			08/10/17 17:23	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 17:23	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 17:23	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 17:23	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 17:23	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 17:23	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 17:23	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 17:23	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 17:23	1
Tetrachloroethene	**78**		1.0	0.37	ug/L			08/10/17 17:23	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 17:23	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 17:23	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 17:23	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 17:23	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 17:23	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 17:23	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 17:23	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 17:23	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 17:23	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 17:23	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 17:23	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 17:23	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 17:23	1

Client Sample ID: RFW-4B

Date Collected: 08/03/17 11:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-8

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			08/10/17 17:23	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 17:23	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 17:23	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 17:23	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 17:23	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 17:23	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 17:23	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 17:23	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 17:23	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 17:23	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 17:23	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 17:23	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 17:23	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 17:23	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*08/10/17 17:23*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*08/10/17 17:23*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 17:23*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*08/10/17 17:23*	*1*

Client Sample ID: RFW-6

Date Collected: 08/02/17 12:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-9

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			08/10/17 17:51	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 17:51	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 17:51	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 17:51	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 17:51	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 17:51	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 17:51	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 17:51	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 17:51	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 17:51	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 17:51	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 17:51	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 17:51	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 17:51	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 17:51	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 17:51	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 17:51	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 17:51	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 17:51	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 17:51	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
Trichloroethene	**1.1**		0.50	0.16	ug/L			08/10/17 17:51	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 17:51	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 17:51	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 17:51	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 17:51	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 17:51	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 17:51	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 17:51	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 17:51	1
Tetrachloroethene	**1.2**		1.0	0.37	ug/L			08/10/17 17:51	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 17:51	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 17:51	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 17:51	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 17:51	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 17:51	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 17:51	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 17:51	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 17:51	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 17:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 17:51	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 17:51	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 17:51	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 17:51	1

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			08/10/17 17:51	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 17:51	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 17:51	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 17:51	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 17:51	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 17:51	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 17:51	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 17:51	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 17:51	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 17:51	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 17:51	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 17:51	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 17:51	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 17:51	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*08/10/17 17:51*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*08/10/17 17:51*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 17:51*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*08/10/17 17:51*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-7

Date Collected: 08/02/17 11:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-10

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			08/10/17 18:19	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 18:19	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 18:19	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 18:19	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 18:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 18:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 18:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 18:19	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 18:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 18:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 18:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 18:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 18:19	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 18:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 18:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 18:19	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 18:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 18:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 18:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 18:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
Trichloroethene	1.2		0.50	0.16	ug/L			08/10/17 18:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 18:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 18:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 18:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 18:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 18:19	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 18:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 18:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 18:19	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 18:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 18:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 18:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 18:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 18:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 18:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 18:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 18:19	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 18:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 18:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 18:19	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 18:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 18:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 18:19	1

Client Sample ID: RFW-7

Date Collected: 08/02/17 11:40
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-10

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			08/10/17 18:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 18:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 18:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 18:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 18:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 18:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 18:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 18:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 18:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 18:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 18:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 18:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 18:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 18:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*08/10/17 18:19*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/10/17 18:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/10/17 18:19*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*08/10/17 18:19*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-9

Date Collected: 08/02/17 08:10
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-11

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			08/10/17 18:46	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 18:46	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 18:46	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 18:46	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 18:46	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 18:46	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 18:46	1
1,1-Dichloroethene	**0.66**	J	1.0	0.39	ug/L			08/10/17 18:46	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 18:46	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 18:46	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 18:46	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 18:46	1
1,1-Dichloroethane	**0.51**	J	1.0	0.41	ug/L			08/10/17 18:46	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 18:46	1
cis-1,2-Dichloroethene	**16**		1.0	0.41	ug/L			08/10/17 18:46	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 18:46	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 18:46	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 18:46	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 18:46	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 18:46	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 18:46	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 18:46	1
Trichloroethene	**8.5**		0.50	0.16	ug/L			08/10/17 18:46	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 18:46	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 18:46	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 18:46	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 18:46	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 18:46	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 18:46	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 18:46	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 18:46	1
Tetrachloroethene	**5.0**		1.0	0.37	ug/L			08/10/17 18:46	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 18:46	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 18:46	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 18:46	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 18:46	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 18:46	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 18:46	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 18:46	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 18:46	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 18:46	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 18:46	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 18:46	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 18:46	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 18:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 18:46	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 18:46	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 18:46	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 18:46	1

Client Sample ID: RFW-9

Date Collected: 08/02/17 08:10
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-11

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			08/10/17 18:46	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 18:46	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 18:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 18:46	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 18:46	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 18:46	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 18:46	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 18:46	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 18:46	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 18:46	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 18:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 18:46	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 18:46	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 18:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*08/10/17 18:46*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*08/10/17 18:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/10/17 18:46*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*08/10/17 18:46*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-11B

Date Collected: 08/03/17 09:20
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-12

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			08/10/17 19:13	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 19:13	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 19:13	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 19:13	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 19:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 19:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 19:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 19:13	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 19:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 19:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 19:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 19:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 19:13	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 19:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 19:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 19:13	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 19:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 19:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 19:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 19:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
Trichloroethene	2.7		0.50	0.16	ug/L			08/10/17 19:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 19:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 19:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 19:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 19:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 19:13	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 19:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 19:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 19:13	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 19:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 19:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 19:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 19:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 19:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 19:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 19:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 19:13	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 19:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 19:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 19:13	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 19:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 19:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 19:13	1

Client Sample ID: RFW-11B

Date Collected: 08/03/17 09:20
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-12

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			08/10/17 19:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 19:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 19:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 19:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 19:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 19:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 19:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 19:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 19:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 19:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 19:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 19:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 19:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 19:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*08/10/17 19:13*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*08/10/17 19:13*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*08/10/17 19:13*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*08/10/17 19:13*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-12B

Date Collected: 08/03/17 12:30
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-13

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			08/10/17 19:41	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 19:41	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 19:41	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 19:41	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 19:41	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 19:41	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 19:41	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 19:41	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 19:41	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 19:41	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 19:41	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 19:41	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 19:41	1
cis-1,2-Dichloroethene	**2.2**		1.0	0.41	ug/L			08/10/17 19:41	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 19:41	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 19:41	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 19:41	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 19:41	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 19:41	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 19:41	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
Trichloroethene	**160**		0.50	0.16	ug/L			08/10/17 19:41	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 19:41	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 19:41	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 19:41	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 19:41	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 19:41	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 19:41	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 19:41	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 19:41	1
Tetrachloroethene	**14**		1.0	0.37	ug/L			08/10/17 19:41	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 19:41	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 19:41	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 19:41	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 19:41	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 19:41	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 19:41	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 19:41	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 19:41	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 19:41	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 19:41	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 19:41	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 19:41	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 19:41	1

Client Sample ID: RFW-12B

Date Collected: 08/03/17 12:30
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-13

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			08/10/17 19:41	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 19:41	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 19:41	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 19:41	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 19:41	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 19:41	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 19:41	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 19:41	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 19:41	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 19:41	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 19:41	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 19:41	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 19:41	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 19:41	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*08/10/17 19:41*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*08/10/17 19:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/10/17 19:41*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*08/10/17 19:41*	*1*

Client Sample ID: RFW-13

Date Collected: 08/02/17 14:55
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-14

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			08/10/17 20:08	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 20:08	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 20:08	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 20:08	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 20:08	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 20:08	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 20:08	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 20:08	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 20:08	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 20:08	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 20:08	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 20:08	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 20:08	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.41	ug/L			08/10/17 20:08	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 20:08	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 20:08	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 20:08	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 20:08	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 20:08	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 20:08	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
Trichloroethene	**2.8**		0.50	0.16	ug/L			08/10/17 20:08	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 20:08	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 20:08	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 20:08	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 20:08	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 20:08	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 20:08	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 20:08	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 20:08	1
Tetrachloroethene	**16**		1.0	0.37	ug/L			08/10/17 20:08	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 20:08	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 20:08	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 20:08	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 20:08	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 20:08	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 20:08	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 20:08	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 20:08	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 20:08	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 20:08	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 20:08	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 20:08	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 20:08	1

Client Sample ID: RFW-13

Date Collected: 08/02/17 14:55
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-14

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			08/10/17 20:08	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 20:08	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 20:08	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 20:08	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 20:08	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 20:08	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 20:08	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 20:08	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 20:08	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 20:08	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 20:08	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 20:08	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 20:08	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 20:08	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*08/10/17 20:08*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*08/10/17 20:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/10/17 20:08*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*08/10/17 20:08*	*1*

Client Sample ID: RFW-17

Date Collected: 08/02/17 13:35
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-15

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			08/10/17 20:35	1
Dichlorodifluoromethane	<2.0	F1 F2	2.0	0.67	ug/L			08/10/17 20:35	1
Chloromethane	<1.0	F1 F2	1.0	0.32	ug/L			08/10/17 20:35	1
Vinyl chloride	<0.50	F1 F2	0.50	0.20	ug/L			08/10/17 20:35	1
Bromomethane	<2.0	F1 F2	2.0	0.80	ug/L			08/10/17 20:35	1
Chloroethane	<1.0	F1 F2	1.0	0.51	ug/L			08/10/17 20:35	1
Trichlorofluoromethane	<1.0	F1 F2	1.0	0.43	ug/L			08/10/17 20:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 20:35	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 20:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 20:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 20:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 20:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 20:35	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 20:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 20:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 20:35	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 20:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 20:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 20:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 20:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/10/17 20:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 20:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 20:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 20:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 20:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 20:35	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 20:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 20:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 20:35	1
Tetrachloroethene	**0.41**	J	1.0	0.37	ug/L			08/10/17 20:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 20:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 20:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 20:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 20:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 20:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 20:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 20:35	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 20:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 20:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 20:35	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 20:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 20:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 20:35	1

Client Sample ID: RFW-17

Date Collected: 08/02/17 13:35
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-15

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			08/10/17 20:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 20:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 20:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 20:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 20:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 20:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 20:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 20:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 20:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 20:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 20:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 20:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 20:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 20:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*08/10/17 20:35*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*08/10/17 20:35*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/10/17 20:35*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*08/10/17 20:35*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: Trip Blank

Date Collected: 08/02/17 06:00
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-16

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			08/10/17 13:42	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 13:42	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 13:42	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 13:42	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 13:42	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 13:42	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 13:42	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 13:42	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 13:42	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 13:42	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 13:42	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 13:42	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 13:42	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 13:42	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 13:42	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 13:42	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 13:42	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 13:42	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 13:42	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 13:42	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/10/17 13:42	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 13:42	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 13:42	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 13:42	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 13:42	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 13:42	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 13:42	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 13:42	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 13:42	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 13:42	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 13:42	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 13:42	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 13:42	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 13:42	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 13:42	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 13:42	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 13:42	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 13:42	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 13:42	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 13:42	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 13:42	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 13:42	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 13:42	1

Client Sample ID: Trip Blank

Date Collected: 08/02/17 06:00
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-16

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			08/10/17 13:42	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 13:42	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 13:42	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 13:42	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 13:42	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 13:42	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 13:42	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 13:42	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 13:42	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 13:42	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 13:42	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 13:42	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 13:42	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 13:42	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*08/10/17 13:42*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/10/17 13:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*08/10/17 13:42*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*08/10/17 13:42*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-2

Date Collected: 08/03/17 13:00
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-17

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			08/14/17 16:46	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/14/17 16:46	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/14/17 16:46	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/14/17 16:46	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/14/17 16:46	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/14/17 16:46	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/14/17 16:46	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/14/17 16:46	1
Acetone	<5.0		5.0	1.7	ug/L			08/14/17 16:46	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/14/17 16:46	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/14/17 16:46	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/14/17 16:46	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/14/17 16:46	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.41	ug/L			08/14/17 16:46	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/14/17 16:46	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/14/17 16:46	1
Chloroform	<2.0		2.0	0.37	ug/L			08/14/17 16:46	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/14/17 16:46	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/14/17 16:46	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/14/17 16:46	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
Trichloroethene	**99**		0.50	0.16	ug/L			08/14/17 16:46	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/14/17 16:46	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/14/17 16:46	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/14/17 16:46	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/14/17 16:46	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/14/17 16:46	1
Toluene	<0.50		0.50	0.15	ug/L			08/14/17 16:46	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/14/17 16:46	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/14/17 16:46	1
Tetrachloroethene	**53**		1.0	0.37	ug/L			08/14/17 16:46	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/14/17 16:46	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/14/17 16:46	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/14/17 16:46	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/14/17 16:46	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/14/17 16:46	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/14/17 16:46	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/14/17 16:46	1
Styrene	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
Bromoform	<1.0		1.0	0.48	ug/L			08/14/17 16:46	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/14/17 16:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/14/17 16:46	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/14/17 16:46	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/14/17 16:46	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/14/17 16:46	1

Client Sample ID: EW-2

Date Collected: 08/03/17 13:00
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-17

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			08/14/17 16:46	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/14/17 16:46	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/14/17 16:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/14/17 16:46	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/14/17 16:46	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/14/17 16:46	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/14/17 16:46	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/14/17 16:46	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/14/17 16:46	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/14/17 16:46	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/14/17 16:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/14/17 16:46	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/14/17 16:46	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/14/17 16:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/14/17 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*08/14/17 16:46*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*08/14/17 16:46*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/14/17 16:46*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*08/14/17 16:46*	*1*

Client Sample ID: EW-3

Date Collected: 08/03/17 09:30
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-18

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.16**	J	0.50	0.15	ug/L			08/11/17 19:03	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 19:03	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 19:03	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 19:03	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 19:03	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 19:03	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 19:03	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 19:03	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 19:03	1
Acetone	**7.0**		5.0	1.7	ug/L			08/11/17 19:03	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 19:03	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 19:03	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 19:03	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 19:03	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.41	ug/L			08/11/17 19:03	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 19:03	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 19:03	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 19:03	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 19:03	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 19:03	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 19:03	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 19:03	1
Trichloroethene	**28**		0.50	0.16	ug/L			08/11/17 19:03	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 19:03	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 19:03	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 19:03	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 19:03	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 19:03	1
Toluene	**0.15**	J	0.50	0.15	ug/L			08/11/17 19:03	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 19:03	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 19:03	1
Tetrachloroethene	**1.3**		1.0	0.37	ug/L			08/11/17 19:03	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 19:03	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 19:03	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 19:03	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 19:03	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 19:03	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 19:03	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 19:03	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 19:03	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 19:03	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 19:03	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 19:03	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 19:03	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 19:03	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 19:03	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 19:03	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 19:03	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 19:03	1

Client Sample ID: EW-3

Date Collected: 08/03/17 09:30
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-18

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			08/11/17 19:03	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 19:03	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 19:03	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 19:03	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 19:03	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 19:03	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 19:03	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 19:03	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 19:03	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 19:03	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 19:03	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 19:03	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 19:03	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 19:03	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*08/11/17 19:03*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*08/11/17 19:03*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*08/11/17 19:03*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*08/11/17 19:03*	*1*

Client Sample ID: EW-4

Date Collected: 08/03/17 08:50
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-19

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			08/11/17 19:28	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 19:28	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 19:28	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 19:28	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 19:28	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 19:28	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 19:28	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 19:28	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 19:28	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 19:28	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 19:28	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 19:28	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 19:28	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 19:28	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 19:28	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 19:28	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 19:28	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 19:28	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 19:28	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 19:28	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 19:28	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 19:28	1
Trichloroethene	**180**		0.50	0.16	ug/L			08/11/17 19:28	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 19:28	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 19:28	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 19:28	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 19:28	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 19:28	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 19:28	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 19:28	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 19:28	1
Tetrachloroethene	**4.0**		1.0	0.37	ug/L			08/11/17 19:28	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 19:28	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 19:28	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 19:28	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 19:28	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 19:28	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 19:28	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 19:28	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 19:28	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 19:28	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 19:28	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 19:28	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 19:28	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 19:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 19:28	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 19:28	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 19:28	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 19:28	1

Client Sample ID: EW-4

Date Collected: 08/03/17 08:50
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-19

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			08/11/17 19:28	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 19:28	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 19:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 19:28	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 19:28	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 19:28	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 19:28	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 19:28	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 19:28	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 19:28	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 19:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 19:28	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 19:28	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 19:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 126*		*08/11/17 19:28*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*08/11/17 19:28*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*08/11/17 19:28*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*08/11/17 19:28*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-5

Date Collected: 08/03/17 08:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-20

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			08/11/17 20:18	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 20:18	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 20:18	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 20:18	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 20:18	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 20:18	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 20:18	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 20:18	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 20:18	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 20:18	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 20:18	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 20:18	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 20:18	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 20:18	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 20:18	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 20:18	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 20:18	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 20:18	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 20:18	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 20:18	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 20:18	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 20:18	1
Trichloroethene	**81**		0.50	0.16	ug/L			08/11/17 20:18	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 20:18	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 20:18	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 20:18	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 20:18	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 20:18	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 20:18	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 20:18	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 20:18	1
Tetrachloroethene	**2.2**		1.0	0.37	ug/L			08/11/17 20:18	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 20:18	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 20:18	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 20:18	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 20:18	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 20:18	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 20:18	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 20:18	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 20:18	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 20:18	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 20:18	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 20:18	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 20:18	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 20:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 20:18	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 20:18	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 20:18	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 20:18	1

Client Sample ID: EW-5

Date Collected: 08/03/17 08:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-20

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/11/17 20:18	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 20:18	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 20:18	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 20:18	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 20:18	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 20:18	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 20:18	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 20:18	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 20:18	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 20:18	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 20:18	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 20:18	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 20:18	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 20:18	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 126*		*08/11/17 20:18*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*08/11/17 20:18*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*08/11/17 20:18*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*08/11/17 20:18*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-6

Date Collected: 08/02/17 16:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-21

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			08/11/17 20:44	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 20:44	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 20:44	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 20:44	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 20:44	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 20:44	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 20:44	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 20:44	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 20:44	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 20:44	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 20:44	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 20:44	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 20:44	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 20:44	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 20:44	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 20:44	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 20:44	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 20:44	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 20:44	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 20:44	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 20:44	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 20:44	1
Trichloroethene	**5.5**		0.50	0.16	ug/L			08/11/17 20:44	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 20:44	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 20:44	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 20:44	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 20:44	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 20:44	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 20:44	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 20:44	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 20:44	1
Tetrachloroethene	**8.6**		1.0	0.37	ug/L			08/11/17 20:44	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 20:44	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 20:44	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 20:44	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 20:44	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 20:44	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 20:44	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 20:44	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 20:44	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 20:44	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 20:44	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 20:44	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 20:44	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 20:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 20:44	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 20:44	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 20:44	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 20:44	1

Client Sample ID: EW-6

Date Collected: 08/02/17 16:25
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-21

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			08/11/17 20:44	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 20:44	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 20:44	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 20:44	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 20:44	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 20:44	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 20:44	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 20:44	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 20:44	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 20:44	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 20:44	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 20:44	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 20:44	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 20:44	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*08/11/17 20:44*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*08/11/17 20:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*08/11/17 20:44*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*08/11/17 20:44*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-7

Date Collected: 08/02/17 16:20
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-22

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			08/11/17 21:09	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 21:09	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 21:09	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 21:09	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 21:09	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 21:09	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 21:09	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 21:09	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 21:09	1
Acetone	**5.2**		5.0	1.7	ug/L			08/11/17 21:09	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 21:09	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 21:09	1
1,1-Dichloroethane	**0.60**	J	1.0	0.41	ug/L			08/11/17 21:09	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 21:09	1
cis-1,2-Dichloroethene	**7.1**		1.0	0.41	ug/L			08/11/17 21:09	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 21:09	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 21:09	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 21:09	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 21:09	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 21:09	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 21:09	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 21:09	1
Trichloroethene	**4.5**		0.50	0.16	ug/L			08/11/17 21:09	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 21:09	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 21:09	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 21:09	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 21:09	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 21:09	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 21:09	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 21:09	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 21:09	1
Tetrachloroethene	**11**		1.0	0.37	ug/L			08/11/17 21:09	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 21:09	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 21:09	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 21:09	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 21:09	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 21:09	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 21:09	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 21:09	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 21:09	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 21:09	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 21:09	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 21:09	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 21:09	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 21:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 21:09	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 21:09	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 21:09	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 21:09	1

Client Sample ID: EW-7

Date Collected: 08/02/17 16:20
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-22

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/11/17 21:09	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 21:09	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:09	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 21:09	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:09	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:09	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 21:09	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 21:09	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 21:09	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 21:09	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 21:09	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 21:09	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 21:09	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 21:09	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*		*08/11/17 21:09*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*08/11/17 21:09*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/11/17 21:09*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*08/11/17 21:09*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-8

Date Collected: 08/02/17 16:15
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-23

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			08/11/17 21:34	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 21:34	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 21:34	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 21:34	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 21:34	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 21:34	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 21:34	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 21:34	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 21:34	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 21:34	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 21:34	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 21:34	1
1,1-Dichloroethane	**0.91**	**J**	1.0	0.41	ug/L			08/11/17 21:34	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 21:34	1
cis-1,2-Dichloroethene	**34**		1.0	0.41	ug/L			08/11/17 21:34	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 21:34	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 21:34	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 21:34	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 21:34	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 21:34	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 21:34	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 21:34	1
Trichloroethene	**7.7**		0.50	0.16	ug/L			08/11/17 21:34	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 21:34	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 21:34	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 21:34	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 21:34	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 21:34	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 21:34	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 21:34	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 21:34	1
Tetrachloroethene	**66**		1.0	0.37	ug/L			08/11/17 21:34	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 21:34	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 21:34	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 21:34	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 21:34	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 21:34	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 21:34	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 21:34	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 21:34	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 21:34	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 21:34	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 21:34	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 21:34	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 21:34	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 21:34	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 21:34	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 21:34	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 21:34	1

Client Sample ID: EW-8

Date Collected: 08/02/17 16:15
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-23

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			08/11/17 21:34	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 21:34	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:34	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 21:34	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:34	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:34	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 21:34	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 21:34	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 21:34	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 21:34	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 21:34	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 21:34	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 21:34	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 21:34	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*08/11/17 21:34*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*08/11/17 21:34*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*08/11/17 21:34*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*08/11/17 21:34*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-9

Date Collected: 08/02/17 16:10
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-24

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			08/11/17 21:59	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 21:59	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 21:59	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 21:59	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 21:59	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 21:59	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 21:59	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 21:59	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 21:59	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 21:59	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 21:59	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 21:59	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 21:59	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 21:59	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 21:59	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 21:59	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 21:59	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 21:59	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 21:59	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 21:59	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 21:59	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 21:59	1
Trichloroethene	**0.59**		0.50	0.16	ug/L			08/11/17 21:59	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 21:59	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 21:59	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 21:59	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 21:59	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 21:59	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 21:59	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 21:59	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 21:59	1
Tetrachloroethene	**70**		1.0	0.37	ug/L			08/11/17 21:59	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 21:59	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 21:59	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 21:59	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 21:59	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 21:59	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 21:59	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 21:59	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 21:59	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 21:59	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 21:59	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 21:59	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 21:59	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 21:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 21:59	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 21:59	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 21:59	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 21:59	1

Client Sample ID: EW-9

Date Collected: 08/02/17 16:10
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-24

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			08/11/17 21:59	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 21:59	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:59	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 21:59	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:59	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 21:59	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 21:59	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 21:59	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 21:59	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 21:59	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 21:59	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 21:59	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 21:59	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 21:59	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*08/11/17 21:59*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*08/11/17 21:59*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*08/11/17 21:59*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*08/11/17 21:59*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-9 DUP

Date Collected: 08/02/17 16:10
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-25

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			08/11/17 22:24	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 22:24	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 22:24	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 22:24	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 22:24	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 22:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 22:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 22:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 22:24	1
Acetone	**5.8**		5.0	1.7	ug/L			08/11/17 22:24	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 22:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 22:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 22:24	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 22:24	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 22:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 22:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 22:24	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 22:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 22:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 22:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 22:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 22:24	1
Trichloroethene	**0.70**		0.50	0.16	ug/L			08/11/17 22:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 22:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 22:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 22:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 22:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 22:24	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 22:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 22:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 22:24	1
Tetrachloroethene	**72**		1.0	0.37	ug/L			08/11/17 22:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 22:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 22:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 22:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 22:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 22:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 22:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 22:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 22:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 22:24	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 22:24	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 22:24	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 22:24	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 22:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 22:24	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 22:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 22:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 22:24	1

Client Sample ID: EW-9 DUP

Date Collected: 08/02/17 16:10
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-25

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			08/11/17 22:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 22:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 22:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 22:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 22:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 22:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 22:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 22:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 22:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 22:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 22:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 22:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 22:24	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 22:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*08/11/17 22:24*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*08/11/17 22:24*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*08/11/17 22:24*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*08/11/17 22:24*	*1*

Client Sample ID: EW-10

Date Collected: 08/02/17 15:45
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-26

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			08/11/17 22:49	1
Dichlorodifluoromethane	<2.0	F2	2.0	0.67	ug/L			08/11/17 22:49	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 22:49	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 22:49	1
Bromomethane	<2.0	*	2.0	0.80	ug/L			08/11/17 22:49	1
Chloroethane	<1.0	F1	1.0	0.51	ug/L			08/11/17 22:49	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 22:49	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 22:49	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 22:49	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 22:49	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 22:49	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 22:49	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 22:49	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 22:49	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 22:49	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 22:49	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 22:49	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 22:49	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 22:49	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 22:49	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 22:49	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 22:49	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/11/17 22:49	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 22:49	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 22:49	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 22:49	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 22:49	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 22:49	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 22:49	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 22:49	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 22:49	1
Tetrachloroethene	**1.8**		1.0	0.37	ug/L			08/11/17 22:49	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 22:49	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 22:49	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 22:49	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 22:49	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 22:49	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 22:49	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 22:49	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 22:49	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 22:49	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 22:49	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 22:49	1
Isopropylbenzene	<1.0	*	1.0	0.39	ug/L			08/11/17 22:49	1
Bromobenzene	<1.0	*	1.0	0.36	ug/L			08/11/17 22:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 22:49	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 22:49	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 22:49	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 22:49	1

Client Sample ID: EW-10

Date Collected: 08/02/17 15:45
Date Received: 08/07/17 10:25

Lab Sample ID: 500-132231-26

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			08/11/17 22:49	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 22:49	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 22:49	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 22:49	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 22:49	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 22:49	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 22:49	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 22:49	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 22:49	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 22:49	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 22:49	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 22:49	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 22:49	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 22:49	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*08/11/17 22:49*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*08/11/17 22:49*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*08/11/17 22:49*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*08/11/17 22:49*	*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.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.

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)

GC/MS VOA

Analysis Batch: 396796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-132231-1	RFW-1A	Total/NA	Water	8260B	
500-132231-2	RFW-1B	Total/NA	Water	8260B	
500-132231-3	RFW-2A	Total/NA	Water	8260B	
500-132231-4	RFW-2B	Total/NA	Water	8260B	
500-132231-5	RFW-3B	Total/NA	Water	8260B	
500-132231-6	RFW-4A	Total/NA	Water	8260B	
500-132231-7	RFW-4A DUP	Total/NA	Water	8260B	
500-132231-8	RFW-4B	Total/NA	Water	8260B	
500-132231-9	RFW-6	Total/NA	Water	8260B	
500-132231-10	RFW-7	Total/NA	Water	8260B	
500-132231-11	RFW-9	Total/NA	Water	8260B	
500-132231-12	RFW-11B	Total/NA	Water	8260B	
500-132231-13	RFW-12B	Total/NA	Water	8260B	
500-132231-14	RFW-13	Total/NA	Water	8260B	
500-132231-15	RFW-17	Total/NA	Water	8260B	
500-132231-16	Trip Blank	Total/NA	Water	8260B	
MB 500-396796/5	Method Blank	Total/NA	Water	8260B	
LCS 500-396796/4	Lab Control Sample	Total/NA	Water	8260B	
500-132231-15 MS	RFW-17	Total/NA	Water	8260B	
500-132231-15 MSD	RFW-17	Total/NA	Water	8260B	

Analysis Batch: 397050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-132231-18	EW-3	Total/NA	Water	8260B	
500-132231-19	EW-4	Total/NA	Water	8260B	
500-132231-20	EW-5	Total/NA	Water	8260B	
500-132231-21	EW-6	Total/NA	Water	8260B	
500-132231-22	EW-7	Total/NA	Water	8260B	
500-132231-23	EW-8	Total/NA	Water	8260B	
500-132231-24	EW-9	Total/NA	Water	8260B	
500-132231-25	EW-9 DUP	Total/NA	Water	8260B	
500-132231-26	EW-10	Total/NA	Water	8260B	
MB 500-397050/7	Method Blank	Total/NA	Water	8260B	
LCS 500-397050/5	Lab Control Sample	Total/NA	Water	8260B	
500-132231-26 MS	EW-10	Total/NA	Water	8260B	
500-132231-26 MSD	EW-10	Total/NA	Water	8260B	

Analysis Batch: 397253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-132231-17	EW-2	Total/NA	Water	8260B	
MB 500-397253/8	Method Blank	Total/NA	Water	8260B	
LCS 500-397253/5	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

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

TestAmerica Job ID: 500-132231-1

Method: 8260B - VOC

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (75-126)	TOL (75-120)	BFB (72-124)	DBFM (75-120)
500-132231-1	RFW-1A	99	95	93	97
500-132231-2	RFW-1B	98	96	93	96
500-132231-3	RFW-2A	100	95	95	96
500-132231-4	RFW-2B	99	97	91	97
500-132231-5	RFW-3B	99	96	94	96
500-132231-6	RFW-4A	101	94	93	99
500-132231-7	RFW-4A DUP	102	94	93	99
500-132231-8	RFW-4B	101	94	93	100
500-132231-9	RFW-6	100	94	93	98
500-132231-10	RFW-7	101	96	94	98
500-132231-11	RFW-9	101	94	93	98
500-132231-12	RFW-11B	102	95	95	101
500-132231-13	RFW-12B	100	95	94	100
500-132231-14	RFW-13	102	94	94	100
500-132231-15	RFW-17	101	95	94	99
500-132231-15 MS	RFW-17	99	95	88	95
500-132231-15 MSD	RFW-17	98	95	92	97
500-132231-16	Trip Blank	98	96	95	97
500-132231-17	EW-2	93	108	94	94
500-132231-18	EW-3	82	87	89	88
500-132231-19	EW-4	80	87	90	91
500-132231-20	EW-5	80	88	89	90
500-132231-21	EW-6	82	87	91	92
500-132231-22	EW-7	81	87	93	91
500-132231-23	EW-8	83	86	90	93
500-132231-24	EW-9	84	88	93	92
500-132231-25	EW-9 DUP	82	88	89	91
500-132231-26	EW-10	85	87	92	94
500-132231-26 MS	EW-10	82	91	73	95
500-132231-26 MSD	EW-10	81	92	74	95
LCS 500-396796/4	Lab Control Sample	93	97	91	92
LCS 500-397050/5	Lab Control Sample	80	91	77	93
LCS 500-397253/5	Lab Control Sample	91	107	92	92
MB 500-396796/5	Method Blank	97	96	96	94
MB 500-397050/7	Method Blank	82	87	94	94
MB 500-397253/8	Method Blank	93	106	95	94

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane

Method: 8260B - VOC

Lab Sample ID: MB 500-396796/5
Matrix: Water
Analysis Batch: 396796

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			08/10/17 11:53	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/10/17 11:53	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/10/17 11:53	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/10/17 11:53	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/10/17 11:53	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/10/17 11:53	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/10/17 11:53	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/10/17 11:53	1
Acetone	<5.0		5.0	1.7	ug/L			08/10/17 11:53	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/10/17 11:53	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/10/17 11:53	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/10/17 11:53	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/10/17 11:53	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/10/17 11:53	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/10/17 11:53	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/10/17 11:53	1
Chloroform	<2.0		2.0	0.37	ug/L			08/10/17 11:53	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/10/17 11:53	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/10/17 11:53	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/10/17 11:53	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/10/17 11:53	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/10/17 11:53	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/10/17 11:53	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/10/17 11:53	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/10/17 11:53	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/10/17 11:53	1
Toluene	<0.50		0.50	0.15	ug/L			08/10/17 11:53	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/10/17 11:53	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/10/17 11:53	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/10/17 11:53	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/10/17 11:53	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/10/17 11:53	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/10/17 11:53	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/10/17 11:53	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/10/17 11:53	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/10/17 11:53	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/10/17 11:53	1
Styrene	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
Bromoform	<1.0		1.0	0.48	ug/L			08/10/17 11:53	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/10/17 11:53	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/10/17 11:53	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/10/17 11:53	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/10/17 11:53	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-396796/5
Matrix: Water
Analysis Batch: 396796

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/10/17 11:53	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/10/17 11:53	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/10/17 11:53	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 11:53	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/10/17 11:53	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/10/17 11:53	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/10/17 11:53	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/10/17 11:53	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/10/17 11:53	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/10/17 11:53	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/10/17 11:53	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/10/17 11:53	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/10/17 11:53	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/10/17 11:53	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/10/17 11:53	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/10/17 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*08/10/17 11:53*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*08/10/17 11:53*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*08/10/17 11:53*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*08/10/17 11:53*	*1*

Lab Sample ID: LCS 500-396796/4
Matrix: Water
Analysis Batch: 396796

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	54.6		ug/L		109	70 - 120
Dichlorodifluoromethane	50.0	43.3		ug/L		87	40 - 150
Chloromethane	50.0	47.3		ug/L		95	54 - 147
Vinyl chloride	50.0	47.1		ug/L		94	64 - 126
Bromomethane	50.0	60.8		ug/L		122	40 - 130
Chloroethane	50.0	50.7		ug/L		101	45 - 127
Trichlorofluoromethane	50.0	49.1		ug/L		98	70 - 126
1,1-Dichloroethene	50.0	53.4		ug/L		107	67 - 122
Carbon disulfide	50.0	55.9		ug/L		112	66 - 120
Acetone	50.0	46.6		ug/L		93	40 - 143
Methylene Chloride	50.0	57.5		ug/L		115	69 - 125
trans-1,2-Dichloroethene	50.0	54.0		ug/L		108	70 - 125
1,1-Dichloroethane	50.0	54.3		ug/L		109	70 - 125
2,2-Dichloropropane	50.0	53.4		ug/L		107	58 - 129
cis-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 125
Methyl Ethyl Ketone	50.0	42.9		ug/L		86	53 - 141
Bromochloromethane	50.0	49.5		ug/L		99	65 - 122
Chloroform	50.0	52.8		ug/L		106	70 - 120
1,1,1-Trichloroethane	50.0	53.8		ug/L		108	70 - 125
1,1-Dichloropropene	50.0	53.9		ug/L		108	70 - 121

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-396796/4
Matrix: Water
Analysis Batch: 396796

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	53.2		ug/L		106	65 - 122
1,2-Dichloroethane	50.0	52.4		ug/L		105	68 - 127
Trichloroethene	50.0	51.1		ug/L		102	70 - 125
1,2-Dichloropropane	50.0	52.9		ug/L		106	67 - 130
Dibromomethane	50.0	49.8		ug/L		100	70 - 120
Bromodichloromethane	50.0	52.0		ug/L		104	69 - 120
cis-1,3-Dichloropropene	50.0	48.5		ug/L		97	64 - 127
methyl isobutyl ketone	50.0	43.1		ug/L		86	56 - 133
Toluene	50.0	54.5		ug/L		109	70 - 125
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	62 - 128
1,1,2-Trichloroethane	50.0	49.6		ug/L		99	70 - 122
Tetrachloroethene	50.0	52.8		ug/L		106	70 - 128
1,3-Dichloropropane	50.0	50.3		ug/L		101	62 - 136
2-Hexanone	50.0	40.9		ug/L		82	56 - 135
Dibromochloromethane	50.0	49.0		ug/L		98	68 - 125
1,2-Dibromoethane	50.0	48.3		ug/L		97	70 - 125
Chlorobenzene	50.0	51.7		ug/L		103	70 - 120
1,1,1,2-Tetrachloroethane	50.0	49.3		ug/L		99	70 - 125
Ethylbenzene	50.0	52.7		ug/L		105	70 - 120
m&p-Xylene	50.0	53.5		ug/L		107	70 - 125
o-Xylene	50.0	53.0		ug/L		106	70 - 120
Styrene	50.0	54.0		ug/L		108	70 - 120
Bromoform	50.0	44.2		ug/L		88	56 - 132
Isopropylbenzene	50.0	51.9		ug/L		104	70 - 126
Bromobenzene	50.0	48.2		ug/L		96	70 - 122
1,1,2,2-Tetrachloroethane	50.0	52.0		ug/L		104	67 - 127
1,2,3-Trichloropropane	50.0	43.5		ug/L		87	50 - 133
N-Propylbenzene	50.0	53.0		ug/L		106	69 - 127
2-Chlorotoluene	50.0	50.9		ug/L		102	70 - 125
1,3,5-Trimethylbenzene	50.0	51.6		ug/L		103	70 - 123
4-Chlorotoluene	50.0	52.2		ug/L		104	68 - 124
tert-Butylbenzene	50.0	50.1		ug/L		100	70 - 121
1,2,4-Trimethylbenzene	50.0	50.9		ug/L		102	70 - 123
sec-Butylbenzene	50.0	51.3		ug/L		103	70 - 123
1,3-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 125
p-Isopropyltoluene	50.0	50.1		ug/L		100	70 - 125
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 120
n-Butylbenzene	50.0	51.0		ug/L		102	68 - 125
1,2-Dichlorobenzene	50.0	48.5		ug/L		97	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	43.8		ug/L		88	56 - 123
1,2,4-Trichlorobenzene	50.0	42.2		ug/L		84	66 - 127
Hexachlorobutadiene	50.0	43.2		ug/L		86	51 - 150
Naphthalene	50.0	40.3		ug/L		81	59 - 130
1,2,3-Trichlorobenzene	50.0	41.5		ug/L		83	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
Toluene-d8 (Surr)	*97*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-396796/4
Matrix: Water
Analysis Batch: 396796

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		72 - 124
Dibromofluoromethane	92		75 - 120

Lab Sample ID: 500-132231-15 MS
Matrix: Water
Analysis Batch: 396796

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	52.6		ug/L		105	70 - 120
Dichlorodifluoromethane	<2.0	F1 F2	50.0	58.8		ug/L		118	40 - 150
Chloromethane	<1.0	F1 F2	50.0	58.0		ug/L		116	54 - 147
Vinyl chloride	<0.50	F1 F2	50.0	53.7		ug/L		107	64 - 126
Bromomethane	<2.0	F1 F2	50.0	72.9	F1	ug/L		146	40 - 130
Chloroethane	<1.0	F1 F2	50.0	57.8		ug/L		116	45 - 127
Trichlorofluoromethane	<1.0	F1 F2	50.0	52.2		ug/L		104	70 - 126
1,1-Dichloroethene	<1.0		50.0	48.6		ug/L		97	67 - 122
Carbon disulfide	<2.0		50.0	52.4		ug/L		105	66 - 120
Acetone	<5.0		50.0	56.1		ug/L		112	40 - 143
Methylene Chloride	<5.0		50.0	54.3		ug/L		109	69 - 125
trans-1,2-Dichloroethene	<1.0		50.0	51.3		ug/L		103	70 - 125
1,1-Dichloroethane	<1.0		50.0	51.9		ug/L		104	70 - 125
2,2-Dichloropropane	<1.0		50.0	48.1		ug/L		96	58 - 129
cis-1,2-Dichloroethene	<1.0		50.0	49.2		ug/L		98	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	47.4		ug/L		95	53 - 141
Bromochloromethane	<1.0		50.0	49.5		ug/L		99	65 - 122
Chloroform	<2.0		50.0	51.9		ug/L		104	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	50.3		ug/L		101	70 - 125
1,1-Dichloropropene	<1.0		50.0	49.8		ug/L		100	70 - 121
Carbon tetrachloride	<1.0		50.0	50.0		ug/L		100	65 - 122
1,2-Dichloroethane	<1.0		50.0	52.0		ug/L		104	68 - 127
Trichloroethene	<0.50		50.0	48.3		ug/L		97	70 - 125
1,2-Dichloropropane	<1.0		50.0	52.1		ug/L		104	67 - 130
Dibromomethane	<1.0		50.0	49.9		ug/L		100	70 - 120
Bromodichloromethane	<1.0		50.0	52.0		ug/L		104	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	42.2		ug/L		84	64 - 127
methyl isobutyl ketone	<5.0		50.0	42.8		ug/L		86	56 - 133
Toluene	<0.50		50.0	49.3		ug/L		99	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	43.7		ug/L		87	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	47.8		ug/L		96	70 - 122
Tetrachloroethene	0.41	J	50.0	47.0		ug/L		93	70 - 128
1,3-Dichloropropane	<1.0		50.0	47.8		ug/L		96	62 - 136
2-Hexanone	<5.0		50.0	41.6		ug/L		83	56 - 135
Dibromochloromethane	<1.0		50.0	45.6		ug/L		91	68 - 125
1,2-Dibromoethane	<1.0		50.0	45.8		ug/L		92	70 - 125
Chlorobenzene	<1.0		50.0	46.8		ug/L		94	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	46.3		ug/L		93	70 - 125
Ethylbenzene	<0.50		50.0	47.7		ug/L		95	70 - 120
m&p-Xylene	<1.0		50.0	47.9		ug/L		96	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-132231-15 MS
Matrix: Water
Analysis Batch: 396796

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
o-Xylene	<0.50		50.0	48.5		ug/L		97	70 - 120
Styrene	<1.0		50.0	49.3		ug/L		99	70 - 120
Bromoform	<1.0		50.0	43.1		ug/L		86	56 - 132
Isopropylbenzene	<1.0		50.0	44.8		ug/L		90	70 - 126
Bromobenzene	<1.0		50.0	43.7		ug/L		87	70 - 122
1,1,2,2-Tetrachloroethane	<1.0		50.0	50.1		ug/L		100	67 - 127
1,2,3-Trichloropropane	<1.0		50.0	40.6		ug/L		81	50 - 133
N-Propylbenzene	<1.0		50.0	45.7		ug/L		91	69 - 127
2-Chlorotoluene	<1.0		50.0	45.3		ug/L		91	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	45.4		ug/L		91	70 - 123
4-Chlorotoluene	<1.0		50.0	46.5		ug/L		93	68 - 124
tert-Butylbenzene	<1.0		50.0	43.4		ug/L		87	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	45.1		ug/L		90	70 - 123
sec-Butylbenzene	<1.0		50.0	44.5		ug/L		89	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	44.2		ug/L		88	70 - 125
p-Isopropyltoluene	<1.0		50.0	43.7		ug/L		87	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	44.2		ug/L		88	70 - 120
n-Butylbenzene	<1.0		50.0	44.1		ug/L		88	68 - 125
1,2-Dichlorobenzene	<1.0		50.0	45.2		ug/L		90	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	42.8		ug/L		86	56 - 123
1,2,4-Trichlorobenzene	<1.0		50.0	37.4		ug/L		75	66 - 127
Hexachlorobutadiene	<1.0		50.0	39.6		ug/L		79	51 - 150
Naphthalene	<1.0		50.0	37.7		ug/L		75	59 - 130
1,2,3-Trichlorobenzene	<1.0		50.0	40.0		ug/L		80	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*

Lab Sample ID: 500-132231-15 MSD
Matrix: Water
Analysis Batch: 396796

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
Benzene	<0.50		50.0	54.1		ug/L		108	70 - 120	3	20
Dichlorodifluoromethane	<2.0	F1 F2	50.0	85.2	F1 F2	ug/L		170	40 - 150	37	20
Chloromethane	<1.0	F1 F2	50.0	82.5	F1 F2	ug/L		165	54 - 147	35	20
Vinyl chloride	<0.50	F1 F2	50.0	77.0	F1 F2	ug/L		154	64 - 126	36	20
Bromomethane	<2.0	F1 F2	50.0	102	F1 F2	ug/L		205	40 - 130	34	20
Chloroethane	<1.0	F1 F2	50.0	82.8	F1 F2	ug/L		166	45 - 127	35	20
Trichlorofluoromethane	<1.0	F1 F2	50.0	74.4	F1 F2	ug/L		149	70 - 126	35	20
1,1-Dichloroethene	<1.0		50.0	50.7		ug/L		101	67 - 122	4	20
Carbon disulfide	<2.0		50.0	53.6		ug/L		107	66 - 120	2	20
Acetone	<5.0		50.0	51.3		ug/L		103	40 - 143	9	20
Methylene Chloride	<5.0		50.0	55.5		ug/L		111	69 - 125	2	20
trans-1,2-Dichloroethene	<1.0		50.0	52.4		ug/L		105	70 - 125	2	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-132231-15 MSD
Matrix: Water
Analysis Batch: 396796

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
1,1-Dichloroethane	<1.0		50.0	53.5		ug/L		107	70 - 125	3	20
2,2-Dichloropropane	<1.0		50.0	49.3		ug/L		99	58 - 129	2	20
cis-1,2-Dichloroethene	<1.0		50.0	50.5		ug/L		101	70 - 125	3	20
Methyl Ethyl Ketone	<5.0		50.0	44.2		ug/L		88	53 - 141	7	20
Bromochloromethane	<1.0		50.0	50.2		ug/L		100	65 - 122	1	20
Chloroform	<2.0		50.0	52.7		ug/L		105	70 - 120	2	20
1,1,1-Trichloroethane	<1.0		50.0	51.7		ug/L		103	70 - 125	3	20
1,1-Dichloropropene	<1.0		50.0	51.7		ug/L		103	70 - 121	4	20
Carbon tetrachloride	<1.0		50.0	51.2		ug/L		102	65 - 122	3	20
1,2-Dichloroethane	<1.0		50.0	52.8		ug/L		106	68 - 127	2	20
Trichloroethene	<0.50		50.0	49.5		ug/L		99	70 - 125	3	20
1,2-Dichloropropane	<1.0		50.0	54.1		ug/L		108	67 - 130	4	20
Dibromomethane	<1.0		50.0	50.6		ug/L		101	70 - 120	1	20
Bromodichloromethane	<1.0		50.0	52.4		ug/L		105	69 - 120	1	20
cis-1,3-Dichloropropene	<1.0		50.0	44.1		ug/L		88	64 - 127	4	20
methyl isobutyl ketone	<5.0		50.0	44.0		ug/L		88	56 - 133	3	20
Toluene	<0.50		50.0	50.6		ug/L		101	70 - 125	3	20
trans-1,3-Dichloropropene	<1.0		50.0	44.3		ug/L		89	62 - 128	1	20
1,1,2-Trichloroethane	<1.0		50.0	48.5		ug/L		97	70 - 122	1	20
Tetrachloroethene	0.41	J	50.0	48.3		ug/L		96	70 - 128	3	20
1,3-Dichloropropane	<1.0		50.0	48.6		ug/L		97	62 - 136	2	20
2-Hexanone	<5.0		50.0	43.0		ug/L		86	56 - 135	3	20
Dibromochloromethane	<1.0		50.0	46.9		ug/L		94	68 - 125	3	20
1,2-Dibromoethane	<1.0		50.0	46.8		ug/L		94	70 - 125	2	20
Chlorobenzene	<1.0		50.0	47.9		ug/L		96	70 - 120	2	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	47.4		ug/L		95	70 - 125	2	20
Ethylbenzene	<0.50		50.0	49.0		ug/L		98	70 - 120	3	20
m&p-Xylene	<1.0		50.0	48.8		ug/L		98	70 - 125	2	20
o-Xylene	<0.50		50.0	49.1		ug/L		98	70 - 120	1	20
Styrene	<1.0		50.0	49.9		ug/L		100	70 - 120	1	20
Bromoform	<1.0		50.0	44.0		ug/L		88	56 - 132	2	20
Isopropylbenzene	<1.0		50.0	48.5		ug/L		97	70 - 126	8	20
Bromobenzene	<1.0		50.0	46.8		ug/L		94	70 - 122	7	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	51.5		ug/L		103	67 - 127	3	20
1,2,3-Trichloropropane	<1.0		50.0	42.4		ug/L		85	50 - 133	4	20
N-Propylbenzene	<1.0		50.0	49.4		ug/L		99	69 - 127	8	20
2-Chlorotoluene	<1.0		50.0	48.3		ug/L		97	70 - 125	7	20
1,3,5-Trimethylbenzene	<1.0		50.0	48.6		ug/L		97	70 - 123	7	20
4-Chlorotoluene	<1.0		50.0	49.5		ug/L		99	68 - 124	6	20
tert-Butylbenzene	<1.0		50.0	46.8		ug/L		94	70 - 121	8	20
1,2,4-Trimethylbenzene	<1.0		50.0	47.7		ug/L		95	70 - 123	6	20
sec-Butylbenzene	<1.0		50.0	47.6		ug/L		95	70 - 123	7	20
1,3-Dichlorobenzene	<1.0		50.0	46.0		ug/L		92	70 - 125	4	20
p-Isopropyltoluene	<1.0		50.0	46.5		ug/L		93	70 - 125	6	20
1,4-Dichlorobenzene	<1.0		50.0	45.5		ug/L		91	70 - 120	3	20
n-Butylbenzene	<1.0		50.0	46.4		ug/L		93	68 - 125	5	20
1,2-Dichlorobenzene	<1.0		50.0	46.9		ug/L		94	70 - 125	4	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	43.8		ug/L		88	56 - 123	2	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-132231-15 MSD
Matrix: Water
Analysis Batch: 396796

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
1,2,4-Trichlorobenzene	<1.0		50.0	36.8		ug/L		74	66 - 127	2	20
Hexachlorobutadiene	<1.0		50.0	40.3		ug/L		81	51 - 150	2	20
Naphthalene	<1.0		50.0	36.1		ug/L		72	59 - 130	5	20
1,2,3-Trichlorobenzene	<1.0		50.0	37.6		ug/L		75	55 - 140	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*
Toluene-d8 (Surr)	*95*		*75 - 120*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane	*97*		*75 - 120*

Lab Sample ID: MB 500-397050/7
Matrix: Water
Analysis Batch: 397050

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			08/11/17 14:52	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/11/17 14:52	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/11/17 14:52	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/11/17 14:52	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/11/17 14:52	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/11/17 14:52	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/11/17 14:52	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/11/17 14:52	1
Acetone	<5.0		5.0	1.7	ug/L			08/11/17 14:52	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/11/17 14:52	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/11/17 14:52	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/11/17 14:52	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/11/17 14:52	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/11/17 14:52	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/11/17 14:52	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/11/17 14:52	1
Chloroform	<2.0		2.0	0.37	ug/L			08/11/17 14:52	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/11/17 14:52	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/11/17 14:52	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/11/17 14:52	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/11/17 14:52	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/11/17 14:52	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/11/17 14:52	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/11/17 14:52	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/11/17 14:52	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/11/17 14:52	1
Toluene	<0.50		0.50	0.15	ug/L			08/11/17 14:52	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/11/17 14:52	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/11/17 14:52	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/11/17 14:52	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-397050/7
Matrix: Water
Analysis Batch: 397050

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/11/17 14:52	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/11/17 14:52	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/11/17 14:52	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/11/17 14:52	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/11/17 14:52	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/11/17 14:52	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/11/17 14:52	1
Styrene	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
Bromoform	<1.0		1.0	0.48	ug/L			08/11/17 14:52	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/11/17 14:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/11/17 14:52	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/11/17 14:52	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/11/17 14:52	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/11/17 14:52	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/11/17 14:52	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/11/17 14:52	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 14:52	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/11/17 14:52	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/11/17 14:52	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/11/17 14:52	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/11/17 14:52	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/11/17 14:52	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/11/17 14:52	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/11/17 14:52	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/11/17 14:52	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/11/17 14:52	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/11/17 14:52	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/11/17 14:52	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/11/17 14:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*08/11/17 14:52*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*08/11/17 14:52*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*08/11/17 14:52*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*08/11/17 14:52*	*1*

Lab Sample ID: LCS 500-397050/5
Matrix: Water
Analysis Batch: 397050

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	41.0		ug/L		82	70 - 120
Dichlorodifluoromethane	50.0	45.3		ug/L		91	40 - 150
Chloromethane	50.0	45.2		ug/L		90	54 - 147
Vinyl chloride	50.0	46.8		ug/L		94	64 - 126

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-397050/5
Matrix: Water
Analysis Batch: 397050

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	50.0	66.0	*	ug/L		132	40 - 130
Chloroethane	50.0	48.6		ug/L		97	45 - 127
Trichlorofluoromethane	50.0	38.5		ug/L		77	70 - 126
1,1-Dichloroethene	50.0	43.2		ug/L		86	67 - 122
Carbon disulfide	50.0	43.2		ug/L		86	66 - 120
Acetone	50.0	37.9		ug/L		76	40 - 143
Methylene Chloride	50.0	46.5		ug/L		93	69 - 125
trans-1,2-Dichloroethene	50.0	43.0		ug/L		86	70 - 125
1,1-Dichloroethane	50.0	37.9		ug/L		76	70 - 125
2,2-Dichloropropane	50.0	41.1		ug/L		82	58 - 129
cis-1,2-Dichloroethene	50.0	43.0		ug/L		86	70 - 125
Methyl Ethyl Ketone	50.0	34.1		ug/L		68	53 - 141
Bromochloromethane	50.0	42.1		ug/L		84	65 - 122
Chloroform	50.0	37.9		ug/L		76	70 - 120
1,1,1-Trichloroethane	50.0	40.0		ug/L		80	70 - 125
1,1-Dichloropropene	50.0	39.1		ug/L		78	70 - 121
Carbon tetrachloride	50.0	40.2		ug/L		80	65 - 122
1,2-Dichloroethane	50.0	34.1		ug/L		68	68 - 127
Trichloroethene	50.0	40.2		ug/L		80	70 - 125
1,2-Dichloropropane	50.0	36.6		ug/L		73	67 - 130
Dibromomethane	50.0	38.4		ug/L		77	70 - 120
Bromodichloromethane	50.0	39.2		ug/L		78	69 - 120
cis-1,3-Dichloropropene	50.0	34.8		ug/L		70	64 - 127
methyl isobutyl ketone	50.0	35.5		ug/L		71	56 - 133
Toluene	50.0	39.3		ug/L		79	70 - 125
trans-1,3-Dichloropropene	50.0	33.9		ug/L		68	62 - 128
1,1,2-Trichloroethane	50.0	36.9		ug/L		74	70 - 122
Tetrachloroethene	50.0	41.1		ug/L		82	70 - 128
1,3-Dichloropropane	50.0	36.6		ug/L		73	62 - 136
2-Hexanone	50.0	36.0		ug/L		72	56 - 135
Dibromochloromethane	50.0	36.5		ug/L		73	68 - 125
1,2-Dibromoethane	50.0	37.3		ug/L		75	70 - 125
Chlorobenzene	50.0	39.5		ug/L		79	70 - 120
1,1,1,2-Tetrachloroethane	50.0	39.2		ug/L		78	70 - 125
Ethylbenzene	50.0	39.7		ug/L		79	70 - 120
m&p-Xylene	50.0	38.1		ug/L		76	70 - 125
o-Xylene	50.0	39.3		ug/L		79	70 - 120
Styrene	50.0	40.7		ug/L		81	70 - 120
Bromoform	50.0	39.4		ug/L		79	56 - 132
Isopropylbenzene	50.0	34.7	*	ug/L		69	70 - 126
Bromobenzene	50.0	34.4	*	ug/L		69	70 - 122
1,1,2,2-Tetrachloroethane	50.0	36.4		ug/L		73	67 - 127
1,2,3-Trichloropropane	50.0	31.8		ug/L		64	50 - 133
N-Propylbenzene	50.0	34.7		ug/L		69	69 - 127
2-Chlorotoluene	50.0	36.9		ug/L		74	70 - 125
1,3,5-Trimethylbenzene	50.0	36.6		ug/L		73	70 - 123
4-Chlorotoluene	50.0	35.1		ug/L		70	68 - 124
tert-Butylbenzene	50.0	36.1		ug/L		72	70 - 121

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-397050/5
Matrix: Water
Analysis Batch: 397050

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	37.6		ug/L		75	70 - 123
sec-Butylbenzene	50.0	38.3		ug/L		77	70 - 123
1,3-Dichlorobenzene	50.0	38.1		ug/L		76	70 - 125
p-Isopropyltoluene	50.0	38.5		ug/L		77	70 - 125
1,4-Dichlorobenzene	50.0	40.1		ug/L		80	70 - 120
n-Butylbenzene	50.0	39.3		ug/L		79	68 - 125
1,2-Dichlorobenzene	50.0	37.7		ug/L		75	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	30.2		ug/L		60	56 - 123
1,2,4-Trichlorobenzene	50.0	34.2		ug/L		68	66 - 127
Hexachlorobutadiene	50.0	34.8		ug/L		70	51 - 150
Naphthalene	50.0	31.6		ug/L		63	59 - 130
1,2,3-Trichlorobenzene	50.0	33.8		ug/L		68	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 126*
Toluene-d8 (Surr)	*91*		*75 - 120*
4-Bromofluorobenzene (Surr)	*77*		*72 - 124*
Dibromofluoromethane	*93*		*75 - 120*

Lab Sample ID: 500-132231-26 MS
Matrix: Water
Analysis Batch: 397050

Client Sample ID: EW-10
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	46.7		ug/L		93	70 - 120
Dichlorodifluoromethane	<2.0	F2	50.0	63.8		ug/L		128	40 - 150
Chloromethane	<1.0		50.0	63.0		ug/L		126	54 - 147
Vinyl chloride	<0.50		50.0	61.8		ug/L		124	64 - 126
Bromomethane	<2.0	*	50.0	59.8		ug/L		120	40 - 130
Chloroethane	<1.0	F1	50.0	67.6	F1	ug/L		135	45 - 127
Trichlorofluoromethane	<1.0		50.0	50.1		ug/L		100	70 - 126
1,1-Dichloroethene	<1.0		50.0	51.4		ug/L		103	67 - 122
Carbon disulfide	<2.0		50.0	49.6		ug/L		99	66 - 120
Acetone	<5.0		50.0	46.5		ug/L		93	40 - 143
Methylene Chloride	<5.0		50.0	55.0		ug/L		110	69 - 125
trans-1,2-Dichloroethene	<1.0		50.0	50.2		ug/L		100	70 - 125
1,1-Dichloroethane	<1.0		50.0	44.9		ug/L		90	70 - 125
2,2-Dichloropropane	<1.0		50.0	45.2		ug/L		90	58 - 129
cis-1,2-Dichloroethene	<1.0		50.0	50.3		ug/L		101	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	38.1		ug/L		76	53 - 141
Bromochloromethane	<1.0		50.0	49.0		ug/L		98	65 - 122
Chloroform	<2.0		50.0	45.3		ug/L		91	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	45.7		ug/L		91	70 - 125
1,1-Dichloropropene	<1.0		50.0	43.9		ug/L		88	70 - 121
Carbon tetrachloride	<1.0		50.0	46.3		ug/L		93	65 - 122
1,2-Dichloroethane	<1.0		50.0	37.5		ug/L		75	68 - 127
Trichloroethene	<0.50		50.0	45.5		ug/L		91	70 - 125
1,2-Dichloropropane	<1.0		50.0	40.8		ug/L		82	67 - 130

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-132231-26 MS
Matrix: Water
Analysis Batch: 397050

Client Sample ID: EW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromomethane	<1.0		50.0	44.3		ug/L		89	70 - 120
Bromodichloromethane	<1.0		50.0	42.2		ug/L		84	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	36.7		ug/L		73	64 - 127
methyl isobutyl ketone	<5.0		50.0	39.3		ug/L		79	56 - 133
Toluene	<0.50		50.0	42.5		ug/L		85	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	34.9		ug/L		70	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	40.5		ug/L		81	70 - 122
Tetrachloroethene	1.8		50.0	47.1		ug/L		91	70 - 128
1,3-Dichloropropane	<1.0		50.0	39.0		ug/L		78	62 - 136
2-Hexanone	<5.0		50.0	41.2		ug/L		82	56 - 135
Dibromochloromethane	<1.0		50.0	38.4		ug/L		77	68 - 125
1,2-Dibromoethane	<1.0		50.0	40.7		ug/L		81	70 - 125
Chlorobenzene	<1.0		50.0	43.5		ug/L		87	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	42.7		ug/L		85	70 - 125
Ethylbenzene	<0.50		50.0	44.1		ug/L		88	70 - 120
m&p-Xylene	<1.0		50.0	42.1		ug/L		84	70 - 125
o-Xylene	<0.50		50.0	44.3		ug/L		89	70 - 120
Styrene	<1.0		50.0	44.6		ug/L		89	70 - 120
Bromoform	<1.0		50.0	41.5		ug/L		83	56 - 132
Isopropylbenzene	<1.0	*	50.0	37.2		ug/L		74	70 - 126
Bromobenzene	<1.0	*	50.0	37.5		ug/L		75	70 - 122
1,1,2,2-Tetrachloroethane	<1.0		50.0	38.9		ug/L		78	67 - 127
1,2,3-Trichloropropane	<1.0		50.0	31.4		ug/L		63	50 - 133
N-Propylbenzene	<1.0		50.0	36.9		ug/L		74	69 - 127
2-Chlorotoluene	<1.0		50.0	39.7		ug/L		79	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	39.3		ug/L		79	70 - 123
4-Chlorotoluene	<1.0		50.0	37.1		ug/L		74	68 - 124
tert-Butylbenzene	<1.0		50.0	39.0		ug/L		78	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	39.9		ug/L		80	70 - 123
sec-Butylbenzene	<1.0		50.0	40.9		ug/L		82	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	41.2		ug/L		82	70 - 125
p-Isopropyltoluene	<1.0		50.0	41.7		ug/L		83	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	43.1		ug/L		86	70 - 120
n-Butylbenzene	<1.0		50.0	42.2		ug/L		84	68 - 125
1,2-Dichlorobenzene	<1.0		50.0	41.8		ug/L		84	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	31.8		ug/L		64	56 - 123
1,2,4-Trichlorobenzene	<1.0		50.0	37.8		ug/L		76	66 - 127
Hexachlorobutadiene	<1.0		50.0	39.5		ug/L		79	51 - 150
Naphthalene	<1.0		50.0	36.5		ug/L		73	59 - 130
1,2,3-Trichlorobenzene	<1.0		50.0	38.5		ug/L		77	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*
Toluene-d8 (Surr)	*91*		*75 - 120*
4-Bromofluorobenzene (Surr)	*73*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-132231-26 MSD
Matrix: Water
Analysis Batch: 397050

Client Sample ID: EW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.50		50.0	48.2		ug/L		96	70 - 120	3	20
Dichlorodifluoromethane	<2.0	F2	50.0	51.8	F2	ug/L		104	40 - 150	21	20
Chloromethane	<1.0		50.0	51.7		ug/L		103	54 - 147	20	20
Vinyl chloride	<0.50		50.0	52.7		ug/L		105	64 - 126	16	20
Bromomethane	<2.0	*	50.0	54.7		ug/L		109	40 - 130	9	20
Chloroethane	<1.0	F1	50.0	55.9		ug/L		112	45 - 127	19	20
Trichlorofluoromethane	<1.0		50.0	43.0		ug/L		86	70 - 126	15	20
1,1-Dichloroethene	<1.0		50.0	51.7		ug/L		103	67 - 122	1	20
Carbon disulfide	<2.0		50.0	49.8		ug/L		100	66 - 120	0	20
Acetone	<5.0		50.0	47.3		ug/L		95	40 - 143	2	20
Methylene Chloride	<5.0		50.0	54.2		ug/L		108	69 - 125	2	20
trans-1,2-Dichloroethene	<1.0		50.0	51.8		ug/L		104	70 - 125	3	20
1,1-Dichloroethane	<1.0		50.0	45.7		ug/L		91	70 - 125	2	20
2,2-Dichloropropane	<1.0		50.0	46.3		ug/L		93	58 - 129	2	20
cis-1,2-Dichloroethene	<1.0		50.0	50.8		ug/L		102	70 - 125	1	20
Methyl Ethyl Ketone	<5.0		50.0	40.7		ug/L		81	53 - 141	6	20
Bromochloromethane	<1.0		50.0	50.5		ug/L		101	65 - 122	3	20
Chloroform	<2.0		50.0	46.5		ug/L		93	70 - 120	3	20
1,1,1-Trichloroethane	<1.0		50.0	46.5		ug/L		93	70 - 125	2	20
1,1-Dichloropropene	<1.0		50.0	46.3		ug/L		93	70 - 121	5	20
Carbon tetrachloride	<1.0		50.0	47.1		ug/L		94	65 - 122	2	20
1,2-Dichloroethane	<1.0		50.0	39.8		ug/L		80	68 - 127	6	20
Trichloroethene	<0.50		50.0	46.3		ug/L		93	70 - 125	2	20
1,2-Dichloropropane	<1.0		50.0	42.9		ug/L		86	67 - 130	5	20
Dibromomethane	<1.0		50.0	44.9		ug/L		90	70 - 120	1	20
Bromodichloromethane	<1.0		50.0	43.9		ug/L		88	69 - 120	4	20
cis-1,3-Dichloropropene	<1.0		50.0	40.0		ug/L		80	64 - 127	9	20
methyl isobutyl ketone	<5.0		50.0	40.3		ug/L		81	56 - 133	2	20
Toluene	<0.50		50.0	46.5		ug/L		93	70 - 125	9	20
trans-1,3-Dichloropropene	<1.0		50.0	37.7		ug/L		75	62 - 128	8	20
1,1,2-Trichloroethane	<1.0		50.0	43.6		ug/L		87	70 - 122	7	20
Tetrachloroethene	1.8		50.0	49.4		ug/L		95	70 - 128	5	20
1,3-Dichloropropane	<1.0		50.0	42.3		ug/L		85	62 - 136	8	20
2-Hexanone	<5.0		50.0	40.8		ug/L		82	56 - 135	1	20
Dibromochloromethane	<1.0		50.0	43.1		ug/L		86	68 - 125	12	20
1,2-Dibromoethane	<1.0		50.0	43.4		ug/L		87	70 - 125	6	20
Chlorobenzene	<1.0		50.0	46.7		ug/L		93	70 - 120	7	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	46.3		ug/L		93	70 - 125	8	20
Ethylbenzene	<0.50		50.0	47.6		ug/L		95	70 - 120	8	20
m&p-Xylene	<1.0		50.0	45.2		ug/L		90	70 - 125	7	20
o-Xylene	<0.50		50.0	47.5		ug/L		95	70 - 120	7	20
Styrene	<1.0		50.0	46.4		ug/L		93	70 - 120	4	20
Bromoform	<1.0		50.0	44.4		ug/L		89	56 - 132	7	20
Isopropylbenzene	<1.0	*	50.0	40.7		ug/L		81	70 - 126	9	20
Bromobenzene	<1.0	*	50.0	41.9		ug/L		84	70 - 122	11	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	42.8		ug/L		86	67 - 127	10	20
1,2,3-Trichloropropane	<1.0		50.0	36.0		ug/L		72	50 - 133	14	20
N-Propylbenzene	<1.0		50.0	40.3		ug/L		81	69 - 127	9	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-132231-26 MSD
Matrix: Water
Analysis Batch: 397050

Client Sample ID: EW-10
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	43.0		ug/L		86	70 - 125	8	20
1,3,5-Trimethylbenzene	<1.0		50.0	42.5		ug/L		85	70 - 123	8	20
4-Chlorotoluene	<1.0		50.0	40.8		ug/L		82	68 - 124	10	20
tert-Butylbenzene	<1.0		50.0	42.5		ug/L		85	70 - 121	8	20
1,2,4-Trimethylbenzene	<1.0		50.0	43.8		ug/L		88	70 - 123	9	20
sec-Butylbenzene	<1.0		50.0	45.0		ug/L		90	70 - 123	9	20
1,3-Dichlorobenzene	<1.0		50.0	44.8		ug/L		90	70 - 125	8	20
p-Isopropyltoluene	<1.0		50.0	45.3		ug/L		91	70 - 125	8	20
1,4-Dichlorobenzene	<1.0		50.0	46.2		ug/L		92	70 - 120	7	20
n-Butylbenzene	<1.0		50.0	44.9		ug/L		90	68 - 125	6	20
1,2-Dichlorobenzene	<1.0		50.0	45.1		ug/L		90	70 - 125	8	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	32.4		ug/L		65	56 - 123	2	20
1,2,4-Trichlorobenzene	<1.0		50.0	38.4		ug/L		77	66 - 127	2	20
Hexachlorobutadiene	<1.0		50.0	41.0		ug/L		82	51 - 150	4	20
Naphthalene	<1.0		50.0	38.3		ug/L		77	59 - 130	5	20
1,2,3-Trichlorobenzene	<1.0		50.0	40.1		ug/L		80	55 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*
Toluene-d8 (Surr)	*92*		*75 - 120*
4-Bromofluorobenzene (Surr)	*74*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*

Lab Sample ID: MB 500-397253/8
Matrix: Water
Analysis Batch: 397253

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			08/14/17 14:07	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			08/14/17 14:07	1
Chloromethane	<1.0		1.0	0.32	ug/L			08/14/17 14:07	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			08/14/17 14:07	1
Bromomethane	<2.0		2.0	0.80	ug/L			08/14/17 14:07	1
Chloroethane	<1.0		1.0	0.51	ug/L			08/14/17 14:07	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			08/14/17 14:07	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			08/14/17 14:07	1
Acetone	<5.0		5.0	1.7	ug/L			08/14/17 14:07	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			08/14/17 14:07	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			08/14/17 14:07	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			08/14/17 14:07	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			08/14/17 14:07	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			08/14/17 14:07	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			08/14/17 14:07	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			08/14/17 14:07	1
Chloroform	<2.0		2.0	0.37	ug/L			08/14/17 14:07	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			08/14/17 14:07	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			08/14/17 14:07	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-397253/8
Matrix: Water
Analysis Batch: 397253

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			08/14/17 14:07	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
Trichloroethene	<0.50		0.50	0.16	ug/L			08/14/17 14:07	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			08/14/17 14:07	1
Dibromomethane	<1.0		1.0	0.27	ug/L			08/14/17 14:07	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			08/14/17 14:07	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			08/14/17 14:07	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			08/14/17 14:07	1
Toluene	<0.50		0.50	0.15	ug/L			08/14/17 14:07	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			08/14/17 14:07	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			08/14/17 14:07	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			08/14/17 14:07	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			08/14/17 14:07	1
2-Hexanone	<5.0		5.0	1.6	ug/L			08/14/17 14:07	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			08/14/17 14:07	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			08/14/17 14:07	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			08/14/17 14:07	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			08/14/17 14:07	1
o-Xylene	<0.50		0.50	0.22	ug/L			08/14/17 14:07	1
Styrene	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
Bromoform	<1.0		1.0	0.48	ug/L			08/14/17 14:07	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
Bromobenzene	<1.0		1.0	0.36	ug/L			08/14/17 14:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			08/14/17 14:07	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			08/14/17 14:07	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			08/14/17 14:07	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			08/14/17 14:07	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			08/14/17 14:07	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			08/14/17 14:07	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			08/14/17 14:07	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			08/14/17 14:07	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			08/14/17 14:07	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			08/14/17 14:07	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			08/14/17 14:07	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			08/14/17 14:07	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			08/14/17 14:07	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			08/14/17 14:07	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			08/14/17 14:07	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			08/14/17 14:07	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			08/14/17 14:07	1
Naphthalene	<1.0		1.0	0.34	ug/L			08/14/17 14:07	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			08/14/17 14:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*08/14/17 14:07*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*08/14/17 14:07*	*1*

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-397253/8
Matrix: Water
Analysis Batch: 397253

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		08/14/17 14:07	1
Dibromofluoromethane	94		75 - 120		08/14/17 14:07	1

Lab Sample ID: LCS 500-397253/5
Matrix: Water
Analysis Batch: 397253

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	48.4		ug/L		97	70 - 120
Dichlorodifluoromethane	50.0	68.2		ug/L		136	40 - 150
Chloromethane	50.0	35.6		ug/L		71	54 - 147
Vinyl chloride	50.0	46.8		ug/L		94	64 - 126
Bromomethane	50.0	61.7		ug/L		123	40 - 130
Chloroethane	50.0	50.6		ug/L		101	45 - 127
Trichlorofluoromethane	50.0	54.8		ug/L		110	70 - 126
1,1-Dichloroethene	50.0	49.0		ug/L		98	67 - 122
Carbon disulfide	50.0	47.2		ug/L		94	66 - 120
Acetone	50.0	32.7		ug/L		65	40 - 143
Methylene Chloride	50.0	45.7		ug/L		91	69 - 125
trans-1,2-Dichloroethene	50.0	49.8		ug/L		100	70 - 125
1,1-Dichloroethane	50.0	47.8		ug/L		96	70 - 125
2,2-Dichloropropane	50.0	45.1		ug/L		90	58 - 129
cis-1,2-Dichloroethene	50.0	49.8		ug/L		100	70 - 125
Methyl Ethyl Ketone	50.0	32.8		ug/L		66	53 - 141
Bromochloromethane	50.0	50.6		ug/L		101	65 - 122
Chloroform	50.0	46.6		ug/L		93	70 - 120
1,1,1-Trichloroethane	50.0	51.8		ug/L		104	70 - 125
1,1-Dichloropropene	50.0	51.2		ug/L		102	70 - 121
Carbon tetrachloride	50.0	52.0		ug/L		104	65 - 122
1,2-Dichloroethane	50.0	48.7		ug/L		97	68 - 127
Trichloroethene	50.0	51.3		ug/L		103	70 - 125
1,2-Dichloropropane	50.0	49.6		ug/L		99	67 - 130
Dibromomethane	50.0	48.4		ug/L		97	70 - 120
Bromodichloromethane	50.0	47.5		ug/L		95	69 - 120
cis-1,3-Dichloropropene	50.0	47.3		ug/L		95	64 - 127
methyl isobutyl ketone	50.0	32.0		ug/L		64	56 - 133
Toluene	50.0	53.9		ug/L		108	70 - 125
trans-1,3-Dichloropropene	50.0	46.7		ug/L		93	62 - 128
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 122
Tetrachloroethene	50.0	52.4		ug/L		105	70 - 128
1,3-Dichloropropane	50.0	48.4		ug/L		97	62 - 136
2-Hexanone	50.0	31.7		ug/L		63	56 - 135
Dibromochloromethane	50.0	48.5		ug/L		97	68 - 125
1,2-Dibromoethane	50.0	46.4		ug/L		93	70 - 125
Chlorobenzene	50.0	52.8		ug/L		106	70 - 120
1,1,1,2-Tetrachloroethane	50.0	51.9		ug/L		104	70 - 125
Ethylbenzene	50.0	49.0		ug/L		98	70 - 120
m&p-Xylene	50.0	50.1		ug/L		100	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-397253/5
Matrix: Water
Analysis Batch: 397253

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	50.5		ug/L		101	70 - 120
Styrene	50.0	46.0		ug/L		92	70 - 120
Bromoform	50.0	40.6		ug/L		81	56 - 132
Isopropylbenzene	50.0	48.8		ug/L		98	70 - 126
Bromobenzene	50.0	51.4		ug/L		103	70 - 122
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/L		91	67 - 127
1,2,3-Trichloropropane	50.0	41.2		ug/L		82	50 - 133
N-Propylbenzene	50.0	53.2		ug/L		106	69 - 127
2-Chlorotoluene	50.0	51.0		ug/L		102	70 - 125
1,3,5-Trimethylbenzene	50.0	48.6		ug/L		97	70 - 123
4-Chlorotoluene	50.0	51.1		ug/L		102	68 - 124
tert-Butylbenzene	50.0	53.1		ug/L		106	70 - 121
1,2,4-Trimethylbenzene	50.0	47.9		ug/L		96	70 - 123
sec-Butylbenzene	50.0	49.8		ug/L		100	70 - 123
1,3-Dichlorobenzene	50.0	52.0		ug/L		104	70 - 125
p-Isopropyltoluene	50.0	53.8		ug/L		108	70 - 125
1,4-Dichlorobenzene	50.0	51.9		ug/L		104	70 - 120
n-Butylbenzene	50.0	54.1		ug/L		108	68 - 125
1,2-Dichlorobenzene	50.0	52.4		ug/L		105	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	40.1		ug/L		80	56 - 123
1,2,4-Trichlorobenzene	50.0	50.2		ug/L		100	66 - 127
Hexachlorobutadiene	50.0	51.6		ug/L		103	51 - 150
Naphthalene	50.0	47.4		ug/L		95	59 - 130
1,2,3-Trichlorobenzene	50.0	52.7		ug/L		105	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*
Toluene-d8 (Surr)	*107*		*75 - 120*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane	*92*		*75 - 120*

Lab Chronicle

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-1A

Lab Sample ID: 500-132231-1
Matrix: Water

Date Collected: 08/02/17 07:20
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 14:10	JJH	TAL CHI

Client Sample ID: RFW-1B

Lab Sample ID: 500-132231-2
Matrix: Water

Date Collected: 08/02/17 07:25
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 14:38	JJH	TAL CHI

Client Sample ID: RFW-2A

Lab Sample ID: 500-132231-3
Matrix: Water

Date Collected: 08/02/17 10:05
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 15:05	JJH	TAL CHI

Client Sample ID: RFW-2B

Lab Sample ID: 500-132231-4
Matrix: Water

Date Collected: 08/02/17 10:50
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 15:33	JJH	TAL CHI

Client Sample ID: RFW-3B

Lab Sample ID: 500-132231-5
Matrix: Water

Date Collected: 08/02/17 16:00
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 16:01	JJH	TAL CHI

Client Sample ID: RFW-4A

Lab Sample ID: 500-132231-6
Matrix: Water

Date Collected: 08/03/17 10:40
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 16:28	JJH	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-132231-7
Matrix: Water

Date Collected: 08/03/17 10:40
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 16:56	JJH	TAL CHI

Client Sample ID: RFW-4B

Lab Sample ID: 500-132231-8
Matrix: Water

Date Collected: 08/03/17 11:25
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 17:23	JJH	TAL CHI

Client Sample ID: RFW-6

Lab Sample ID: 500-132231-9
Matrix: Water

Date Collected: 08/02/17 12:40
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 17:51	JJH	TAL CHI

Client Sample ID: RFW-7

Lab Sample ID: 500-132231-10
Matrix: Water

Date Collected: 08/02/17 11:40
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 18:19	JJH	TAL CHI

Client Sample ID: RFW-9

Lab Sample ID: 500-132231-11
Matrix: Water

Date Collected: 08/02/17 08:10
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 18:46	JJH	TAL CHI

Client Sample ID: RFW-11B

Lab Sample ID: 500-132231-12
Matrix: Water

Date Collected: 08/03/17 09:20
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 19:13	JJH	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: RFW-12B

Lab Sample ID: 500-132231-13

Date Collected: 08/03/17 12:30
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 19:41	JJH	TAL CHI

Client Sample ID: RFW-13

Lab Sample ID: 500-132231-14

Date Collected: 08/02/17 14:55
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 20:08	JJH	TAL CHI

Client Sample ID: RFW-17

Lab Sample ID: 500-132231-15

Date Collected: 08/02/17 13:35
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 20:35	JJH	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-132231-16

Date Collected: 08/02/17 06:00
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	396796	08/10/17 13:42	JJH	TAL CHI

Client Sample ID: EW-2

Lab Sample ID: 500-132231-17

Date Collected: 08/03/17 13:00
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397253	08/14/17 16:46	EMA	TAL CHI

Client Sample ID: EW-3

Lab Sample ID: 500-132231-18

Date Collected: 08/03/17 09:30
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 19:03	EMA	TAL CHI

Client Sample ID: EW-4

Lab Sample ID: 500-132231-19
Matrix: Water

Date Collected: 08/03/17 08:50
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 19:28	EMA	TAL CHI

Client Sample ID: EW-5

Lab Sample ID: 500-132231-20
Matrix: Water

Date Collected: 08/03/17 08:25
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 20:18	EMA	TAL CHI

Client Sample ID: EW-6

Lab Sample ID: 500-132231-21
Matrix: Water

Date Collected: 08/02/17 16:25
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 20:44	EMA	TAL CHI

Client Sample ID: EW-7

Lab Sample ID: 500-132231-22
Matrix: Water

Date Collected: 08/02/17 16:20
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 21:09	EMA	TAL CHI

Client Sample ID: EW-8

Lab Sample ID: 500-132231-23
Matrix: Water

Date Collected: 08/02/17 16:15
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 21:34	EMA	TAL CHI

Client Sample ID: EW-9

Lab Sample ID: 500-132231-24
Matrix: Water

Date Collected: 08/02/17 16:10
Date Received: 08/07/17 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 21:59	EMA	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-132231-1

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-132231-25

Date Collected: 08/02/17 16:10
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 22:24	EMA	TAL CHI

Client Sample ID: EW-10

Lab Sample ID: 500-132231-26

Date Collected: 08/02/17 15:45
Date Received: 08/07/17 10:25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	397050	08/11/17 22:49	EMA	TAL CHI

Laboratory References:

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

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Accreditation/Certification Summary

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

TestAmerica Job ID: 500-132231-1

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2903	04-30-18
Georgia	State Program	4	N/A	04-30-18
Georgia	State Program	4	939	04-30-18
Hawaii	State Program	9	N/A	04-30-18
Illinois	NELAP	5	100201	04-30-19
Indiana	State Program	5	C-IL-02	04-30-18
Iowa	State Program	7	82	05-01-18
Kansas	NELAP	7	E-10161	10-31-17 *
Kentucky (UST)	State Program	4	66	04-30-18
Mississippi	State Program	4	N/A	04-30-18
New York	NELAP	2	12019	04-01-18
North Carolina (WW/SW)	State Program	4	291	12-31-17 *
North Dakota	State Program	8	R-194	04-30-18
Oklahoma	State Program	6	8908	08-31-17 *
South Carolina	State Program	4	77001	04-30-17 *
USDA	Federal		P330-15-00038	02-11-18
Wisconsin	State Program	5	999580010	08-31-17 *
Wyoming	State Program	8	8TMS-Q	04-30-17 *

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-132231

Chain of Custody Number:

Page 1 of 3

Temperature °C of Cooler: 13.7 → 13.8

(optional) Report To	(optional) Bill To
Contact:	Contact:
Company:	Company:
Address:	Address:
Address:	Address:
Phone: 610.721.0583	Phone:
Fax:	Fax:
E-Mail:	PO#/Reference#

500-132231 COC

Client	Client Project #
Western Solutions	02501.004.005
Project Name: Black + Decker	
Project Location/State: Hampstead MD	Lab Project #
Sampler: Greg Fkesuski	Lab PM: Nick Wright

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	Parameter: VOC	Comments
1		RFW-1A	8/2/17	720	3	W		✓	
2		RFW-1B		725				✓	
3		RFW-2A		1005				✓	
4		RFW-2B		1050				✓	
5		RFW-3B		1600				✓	
6		RFW-4A	8/3/17	1040				✓	
7		RFW-4A Dup	8/3/17	1040				✓	
8		RFW-4B	8/3/17	1125				✓	
9		RFW-6	8/2/17	1240				✓	
10		RFW-7	8/2/17	1140				✓	

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date: _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Western	8/3/17	1600	Fed Ex			
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
					TA	08/07/17	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier ☐
Shipped ✓
Hand Delivered ☐

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500 - 132231

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler:

Report To (optional)	
Contact:	
Company:	
Address:	
Address:	
Phone:	610.721.0583
Fax:	
E-Mail:	

Bill To (optional)	
Contact:	
Company:	
Address:	
Address:	
Phone:	
Fax:	
PO#/Reference#	

Client: Westen Solutions
Client Project #: 02501.004.005
Project Name: Black + Decker
Project Location/State: Hampstead MD
Lab Project #:
Sampler: Greg Fkesuski
Lab PM: Dick Wright

Preservative:
Parameter: VOC

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	Comments
11		RFW-9	8/2/17	810	3	W	✓	
12		RFW-11B	8/3/17	920	|	|	✓	
13		RFW-12B	8/3/17	1230	|	|	✓	
14		RFW-13	8/2/17	1455	|	|	✓	
15		RFW-17	8/2/17	1335	|	|	✓	
16		Trip Blank	8/2/17	0600	2	|	✓	

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days ___ Other
Requested Due Date ______

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Westen	8/3/17	1600	Fed Ex			
				[signature]	TA	08/07/17	1025

Lab Courier ☐
Shipped ☐
Hand Delivered ☐

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124 (1007) 8/18/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone: 610.721.0583
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-132231
Chain of Custody Number:
Page 3 of 3
Temperature °C of Cooler:

Client: Western Solutions
Client Project #: 02501.004.005
Project Name: Black + Decker
Project Location/State: Hampstead MD
Lab Project #:
Sampler: Greg Fkesnski
Lab PM: Dick Wright

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Parameter VOC	Comments
17		EW-2	8/3/17	1300	3	W	✓	
18		EW-3		930			✓	
19		EW-4		850			✓	
20		EW-5		825			✓	
21		EW-6	8/2/17	1625			✓	
22		EW-7		1620			✓	
23		EW-8		1615			✓	
24		EW-9		1610			✓	
25		EW-9 Dup		1610			✓	
26		EW-10		1545			✓	

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date:

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Western	8/3/17	1600	Fed Ex			
					TA	08/07/17	1025

Lab Courier
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-609 (1209)

8/18/2017

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 500-132231-1

Login Number: 132231
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	13.8c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	