Quarterly Groundwater Monitoring Report

Prepared for

Stanley Black & Decker Inc.

Hampstead, Maryland

January 2017

Prepared by

WESTON SOLUTIONS, INC.

West Chester, Pennsylvania 19380-1499

W.O. Number :02501.004.005.0001

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1. INTRODUCTION

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

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

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

2. SITE CHARACTERISTICS

2.1 HYDRAULIC PROPERTIES

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of October through December 2016.

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

Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. For the reporting period of October through December 2016, the extraction wells were pumping at an average combined rate of approximately 155 gallons per minute (gpm).

2.2 EFFLUENT CHARACTERISTICS`

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration, on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of October through December 2016 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of October through December 2016, approximately 8.61 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) (73.9 %) and tetrachloroethene (PCE) (26.1 %). Analytical results of the groundwater collected from the air stripper for the period of October through December 2016 are included in Appendix C.

A summary of the analytical results from the fourth quarter (November 2016) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete

Table 2-1
Treatment System Pumping Records - 4th Quarter 2016
Stanley Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
October 2016	6,347,943
November 2016	6,319,209
December 2016	6,457,173

Table 2-2
Groundwater Elevation Data - 4th Quarter 2016
Stanley Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	10/8/2016 DTW	10/8/2016 ELEV	11/7/2016 DTW	11/7/2016 ELEV	12/26/2016 DTW	12/26/2016 ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	69.24	779.97	66.31	782.90	74.25	774.96
EW-3	846.64	118	92.86	753.78	93.28	753.36	92.95	753.69
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	82.56	781.61	93.88	770.29	91.56	772.61
EW-6	831.98	115	102.25	729.73	102.28	729.70	102.00	729.98
EW-7	818.38	78	70.05	748.33	70.30	748.08	69.56	748.82
EW-8	811.13	98	91.56	719.57	91.67	719.46	90.88	720.25
EW-9	811.35	141	101.50	709.85	102.88	708.47	102.20	709.15
EW-10	807.74	INA	62.59	745.15	64.22	743.52	63.52	744.22
RFW-1A	864.37	78	51.56	812.81	52.08	812.29	52.10	812.27
RFW-1B	864.23	200	51.57	812.66	52.10	812.13	52.13	812.10
RFW-2A	857.41	35	18.12	839.29	19.05	838.36	18.59	838.82
RFW-2B	857.73	75	18.58	839.15	19.72	838.01	18.26	839.47
RFW-3B	839.21	153	36.25	802.96	38.02	801.19	37.49	801.72
RFW-4A	830.37	62	37.59	792.78	38.15	792.22	37.88	792.49
RFW-4B	830.37	120	38.01	792.36	38.85	791.52	38.43	791.94
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	5.68	779.36	4.62	780.42	5.23	779.81
RFW-7	805.14	29	7.89	797.25	7.43	797.71	7.51	797.63
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	28.53	833.49	28.82	833.20	28.06	833.96
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	63.21	786.41	63.41	786.21	63.42	786.20
RFW-12B	844.87	264	50.23	794.64	47.80	797.07	49.54	795.33
RFW-13	849.11	150	64.59	784.52	64.14	784.97	64.21	784.90
RFW-14B	812.39	281	53.02	759.37	53.21	759.18	53.06	759.33
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	27.11	807.55	26.80	807.86	26.95	807.71
RFW-20	842.49	142	35.43	807.06	35.53	806.96	35.26	807.23
RFW-21	832.65	102	22.98	809.67	23.75	808.90	23.84	808.81
PH-7	805.94	89	29.57	776.37	30.83	775.11	29.56	776.38
PH-9	814.94	98	51.40	763.54	51.44	763.50	50.46	764.48
PH-11	820.68	78	52.51	768.17	53.08	767.60	52.43	768.25
PH-12	828.35	87	49.23	779.12	49.98	778.37	49.81	778.54
B-3	803.02	83	9.56	793.46	10.26	792.76	10.25	792.77
Amoco	842.29	INA	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	INA	1.65	803.31	1.88	803.08	1.97	802.99
Pembroke #1	INA	INA	11.73	NC	11.43	NC	11.95	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	10.17	NC	9.98	NC	9.82	NC
E. Century St.	INA	INA	19.26	NC	19.22	NC	19.23	NC
Lwr. Beckleys. Rd.	INA	INA	55.73	NC	56.01	NC	55.91	NC

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

Table 2-3
Effluent Characteristics Summary - 4th Quarter 2016
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE		
					October 2016	November 2016	December 2016
001	FLOW	average	MGD	NA	0.129	0.121	0.218
		maximum	MGD	NA	0.375	0.756	0.809
	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	6.8	6.7	6.6
		maximum	STD	8.5	7.3	6.9	7.0
	BOD		mg/l	15	2.0	2.0	0.0
	TSS	maximum	mg/l	30	12.0	5.0	< 1
		monthly average	mg/l	20	12.0	5.0	< 1
101 (Monitoring Point)	FLOW	average	MGD	NA	0.228	0.217	0.460
		maximum	MGD	NA	0.265	0.255	0.497
	Fecal Coliform		MPN/100ml	200	1.9	1.0	1.0
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.208
		maximum	MGD	NA	NR	NR	0.260
	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 - November 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	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	0.5 J	0.7 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.5	1.8	1 U	1 U	1 U	6	20	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	95	30	500	100	6.1	4.9	6.3	0.6	0.6	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	49	1.4	12	3.3	11	13	63	100	96	2.9
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	1 U	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 - November 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	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	2 U	2 U	2 U	NS	2 U	2 U	NS	2 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	1 U	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	0.9 J	0.7 J	0.9 J	3.7	NS	0.7 J	1 U	NS	12	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	0.7 J	0.7 J	1.2	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	1 U	1 U	1 U	29	31	47	NS	1.3	1.7	NS	8.1	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	13	14	66	NS	1.6	1 U	NS	3.4	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 U	1 U	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 - November 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	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	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	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
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	1 J	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
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.34 J	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
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	1.4	62	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	2.1	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	5.7	17	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.46 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	0.1 J	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

analytical data package is included in Appendix D.

As found in earlier sampling events at the Stanley Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentration of TCE was detected in the groundwater samples collected from wells EW-4 and RFW-12B on the Northeastern portion of the property and the highest concentration of PCE was detected in the groundwater sample collected from wells RFW-4B and EW-9 on the Southwestern portion of the property. The remainder of VOCs present were detected at levels below the Federal Maximum Contaminant Levels (MCL).

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities which were undertaken with the extraction and treatment system during the reporting period (October through December 2016) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate or other routine activities).

Table 3-1
Treatment System Maintenance Activities - 4th Quarter 2016
Stanley Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
Oct-16	Installed a new pump and motor in EW-3, EW-3 is back online
Oct-16	Alarm at the air stripper, EW-3 tripped off. Installed another new pump and motor, EW-3 is back online.
Nov-16	Low hydron tank alarm. Relay was stuck, the relay was replaced and the system was reset.
Dec-16	EW-2 was off for 4 hours to install a new water meter. Well was put back in service.

4. RECOMMENDATIONS

For the reporting period of October through December 2016, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map, which is included in the Annual Report, will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(OCTOBER – DECEMBER 2016)

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 # - Dorrance Jones 0763, Garrett Scheller 2500, Chris Dallas 6202,Keith White 4609

Superintendent: David Coale Certification # 1662

Month: October Year: 2016

	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	0.26300														0.228		2"	5.0	1.0	5.0				0.180256	C. Dallas
2	Clear	0.37500														0.199		0"	5.0	1.0	5.0				0.191104	C. Dallas
3	Clear	0.19400	6.81	0.00												0.186		1"	5.0	1.0	5.0				0.186306	G. Scheller
4	Clear	0.13900	6.77	0.00												0.092	<1	1"	5.0	1.0	5.0				0.156740	G. Scheller
5	Clear	0.22000														0.000		1"	0.0	0.0	0.0				0.221803	G. Scheller
6	Clear	0.14600														0.000		1"	0.0	0.0	0.0				0.182269	A.Bradley
7	Clear	0.14800														0.000		2"	0.0	0.0	0.0				0.227692	G. Scheller
8	Clear	0.12200														0.000		2"	0.0	0.0	0.0				0.170077	D.Jones
9	Clear	0.13800														0.000		0"	0.0	0.0	0.0				0.183430	D.Jones
10	Clear	0.16600	7.34	0.00												0.000		2"	0.0	0.0	0.0				0.213056	G. Scheller
11	Clear	0.11700	7.32	0.00	<1	<1	<1	2.00	12.00	1.25	0.928	<0.05	2.2	<5	<1	0.067	12.40	2"	5.0	1.0	5.0	<1	<1	<1	0.154092	G. Scheller
12	Clear	0.16500														0.000		2"	0.0	0.0	0.0				0.228943	G. Scheller
13	Clear	0.07600														0.000		2"	0.0	0.0	0.0				0.152593	C. Dallas
14	Clear	0.07100														0.000		1"	0.0	0.0	0.0				0.196769	C. Dallas
15	Clear	0.05700														0.000		1"	0.0	0.0	0.0				0.166637	C. Dallas
16	Clear	0.07900														0.000		1"	0.0	0.0	0.0				0.248299	C. Dallas
17	Clear	0.07100	6.84	0.00												0.000		2"	0.0	0.0	0.0				0.222788	G. Scheller
18	Clear	0.06000	6.76	0.00												0.013	<1	2"	5.0	1.0	5.0				0.190766	G. Scheller
19	Clear	0.09100														0.000		2"	0.0	0.0	0.0				0.260095	G. Scheller
20	Clear	0.07400														0.000		2"	0.0	0.0	0.0				0.220223	G. Scheller
21	Clear	0.07600														0.000		2"	0.0	0.0	0.0				0.223605	G. Scheller
22	Clear	0.08900														0.000		2"	0.0	0.0	0.0				0.212824	C. Dallas
23	Clear	0.08900														0.000		2"	0.0	0.0	0.0				0.236605	C. Dallas
24	Clear	0.07900	6.99	0.00												0.000		2"	0.0	0.0	0.0				0.185329	G. Scheller
25	Clear	0.07900	6.86	0.00												0.036	<1	2"	5.0	1.0	5.0				0.189124	G. Scheller
26	Clear	0.11600														0.000		2"	0.0	0.0	0.0				0.258719	G. Scheller
27	Clear	0.11700														0.000		2"	0.0	0.0	0.0				0.215803	G. Scheller
28	Clear	0.22900														0.000		2"	0.0	0.0	0.0				0.219702	G. Scheller
29	Clear	0.09300														0.000		2"	0.0	0.0	0.0				0.160913	K.White
30	Clear	0.12500														0.000		2"	0.0	0.0	0.0				0.243541	K.White
31	Clear	0.14200	6.75	0.00												0.000		2"	0.0	0.0	0.0				0.247840	G. Scheller
Total		4.00600														0.821000									6.347943	
Average		0.12923		<0.10	0	0	0	2	12	1	1	0	2	0	1	0.026484	1.9	#######	1.1	0.2	1.1	0.0	0.0	0.0	0.204772	
Minimum		0.05700	6.8	0.00	0	0	0	2	12	1	1	0	2	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.152593	MOR
Maximum		0.37500	7.3	<0.10	0	0	0	2	12	1	1	0	2	0		0.228000	12.4	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.260095	11/17/2016

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Address: 627 Hanover Pike, Hampstead Maryland

Superintendent: David Coale Certification # 1662

Month: November Year: 2016

Additional Op's & cert # - Dorrance Jones 0763, Garrett Scheller 2500,Martin Whitt 0666, Chris Dallas 6202,Keith White 4609

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.09000	6.85	0.00												0.022000	<1	2"	5.0	1.0	5.0				0.187016	G. Scheller
2	Clear	0.11900														0.000000		2"	0.0	0.0	0.0				0.256348	G. Scheller
3	Clear	0.10400														0.000000		2"	0.0	0.0	0.0				0.207364	M Whitt
4	Clear	0.12000														0.000000		2"	0.0	0.0	0.0				0.216103	C. Dallas
5	Clear	0.09500														0.000000		3"	0.0	0.0	0.0				0.196324	D.Jones
6	Clear	0.10100														0.000000		3"	0.0	0.0	0.0				0.214480	D.Jones
7	Clear	0.12800	6.67	0.00												0.000000		3"	0.0	0.0	0.0				0.252871	G. Scheller
8	Clear	0.08300	6.69	0.00	<1	<1	<1	2.00	4.80	0.50	2.67	<0.05	3.2	<5	36.4	0.016000	<1	3"	5.0	1.0	5.0				0.180566	G. Scheller
9	Clear	0.10800														0.000000		3"	0.0	0.0	0.0				0.251638	G. Scheller
10	Clear	0.15300														0.000000		2"	0.0	0.0	0.0				0.213391	G. Scheller
11	Clear	0.09600														0.000000		2"	0.0	0.0	0.0				0.209759	G. Scheller
12	Clear	0.06900														0.000000		2"	0.0	0.0	0.0				0.170939	C. Dallas
13	Clear	0.10200														0.000000		2"	0.0	0.0	0.0				0.206308	C. Dallas
14	Clear	0.07900	6.85	0.00												0.000000		2"	0.0	0.0	0.0				0.184970	G. Scheller
15	Clear	0.08600	6.86	0.00												0.063000	<1	2"	5.0	1.0	5.0				0.201202	G. Scheller
16	Clear	0.12700														0.000000		2"	0.0	0.0	0.0				0.252368	G. Scheller
17	Clear	0.08500														0.000000		2"	0.0	0.0	0.0				0.195507	G. Scheller
18	Clear	0.10600														0.000000		2"	0.0	0.0	0.0				0.218029	G. Scheller
19	Clear	0.08800														0.000000		2"	0.0	0.0	0.0				0.195866	D.Jones
20	Clear	0.13700														0.000000		2"	0.0	0.0	0.0				0.224752	D.Jones
21	Clear	0.09300	6.66	0.00												0.000000		3"	0.0	0.0	0.0				0.214123	G. Scheller
22	Clear	0.04700	6.78	0.00												0.038000	<1	3"	5.0	1.0	5.0				0.172391	G. Scheller
23	Clear	0.08300														0.000000		3"	0.0	0.0	0.0				0.241674	G. Scheller
24	Clear	0.07000														0.000000		3"	0.0	0.0	0.0				0.171399	K.White
25	Clear	0.10800														0.000000		3"	0.0	0.0	0.0				0.221120	K.White
26	Clear	0.10400														0.000000		3"	0.0	0.0	0.0				0.198947	C. Dallas
27	Clear	0.11800														0.000000		3"	0.0	0.0	0.0				0.241400	C. Dallas
28	Clear	0.08900	6.89	0.00												0.000000		3"	0.0	0.0	0.0				0.207105	G. Scheller
29	Clear	0.08800	6.78	0.00												0.000900	<1	2"	5.0	1.0	5.0				0.175627	G. Scheller
30	Clear	0.75600														0.000000		2"	0.0	0.0	0.0				0.239622	G. Scheller
31																										
Total		3.63200														0.139900									6.319209	
Average		0.12107		<0.10	0	0	0	2	5	1	3	0	3	0	36	0.004663	1.0	######	0.8	0.2	0.8	#DIV/0!	#DIV/0!	#DIV/0!	0.210640	
Minimum		0.04700	6.7	0.00	0	0	0	2	5	1	3	0	3	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.170939	MOR
Maximum		0.75600	6.9	<0.10	0	0	0	2	5	1	3	0	3	0		0.063000	0.0	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.256348	12/16/2016

ENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

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Address: 627 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Dorrance Jones 0763, Garrett Scheller 2500, Chris Dallas 6202,Keith White 4609

Superintendent: David Coale

Certification # 1662

Month: December
Year: 2016

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.80900														0.000000		0"	0.0	0.0	0.0				0.207423	G. Scheller
2	Clear	0.21000														0.000000		1"	0.0	0.0	0.0				0.211188	G. Scheller
3	Clear	0.12000														0.000000		1"	0.0	0.0	0.0				0.174726	K.White
4	Clear	0.13300														0.000000		1"	0.0	0.0	0.0				0.205608	K.White
5	Clear	0.25700	7.00	0.00												0.000000		1"	0.0	0.0	0.0				0.243213	C. Dallas
6	Clear	0.13000	6.75	0.00	<1	<1	<1	6.00	4.40	0.498	1.77	<0.05	2.3	<5	9.9	0.036000	<1	1"	5.0	1.0	5.0				0.174774	G. Scheller
7	Clear	0.64400														0.046000		0"	5.0	1.0	5.0				0.242979	G. Scheller
8	Clear	0.19200														0.000000		1"	0.0	0.0	0.0				0.211782	G. Scheller
9	Clear	0.14400														0.000000		1"	0.0	0.0	0.0				0.204319	G. Scheller
10	Clear	0.10700														0.000000		1"	0.0	0.0	0.0				0.171454	K.White
11	Clear	0.13100														0.000000		1"	0.0	0.0	0.0				0.204424	K.White
12	Clear	0.27100	6.63	0.00												0.000000		1"	0.0	0.0	0.0				0.240899	G. Scheller
13	Clear	0.14600	6.69	0.00												0.004000	<1	1"	5.0	1.0	5.0				0.169286	G. Scheller
14	Clear	0.17700														0.000000		1"	0.0	0.0	0.0				0.252533	G. Scheller
15	Clear	0.14200														0.000000		1"	0.0	0.0	0.0				0.210508	K.White
16	Clear	0.08200														0.000000		1"	0.0	0.0	0.0				0.179602	K.White
17	Clear	0.21900														0.000000		0"	0.0	0.0	0.0				0.238333	D.Jones
18	Clear	0.45400														0.000000		0"	0.0	0.0	0.0				0.218193	D.Jones
19	Clear	0.26200	6.68	0.00												0.000000		1"	0.0	0.0	0.0				0.209284	G. Scheller
20	Clear	0.12700	6.74	0.00												0.026000	<1	1"	5.0	1.0	5.0				0.182807	G. Scheller
21	Clear	0.19800														0.000000		1"	0.0	0.0	0.0				0.244255	C. Dallas
22	Clear	0.15300														0.000000		1"	0.0	0.0	0.0				0.207705	G. Scheller
23	Clear	0.15200														0.000000		1"	0.0	0.0	0.0				0.210572	G. Scheller
24	Clear	0.16500														0.000000		1"	0.0	0.0	0.0				0.176944	C. Dallas
25	Clear	0.33600														0.000000		1"	0.0	0.0	0.0				0.238166	C. Dallas
26	Clear	0.14400														0.000000		1'	0.0	0.0	0.0				0.182885	K.White
27	Clear	0.16200	6.65	0.00												0.000000		1"	0.0	0.0	0.0				0.206302	K.White
28	Clear	0.15200	6.73	0.00												0.042000	<1	1"	0.0	0.0	5.0				0.206884	K.White
29	Clear	0.17300														0.000000		1"	0.0	0.0	0.0				0.223958	K.White
30	Clear	0.22400														0.000000		1"	0.0	0.0	0.0				0.187693	K.White
31	Clear	0.13800														0.000000		1"	0.0	0.0	0.0				0.218474	D.Jones
Total		6.75400														0.154000									6.457173	
Average		0.21787		<0.10	0	0	0	6	4	0	2	0	2	0	10	0.004968	1.0	#DIV/0!	0.6	0.1	0.8	#DIV/0!	#DIV/0!	#DIV/0!	0.208296	
Minimum		0.08200	6.6	0.00	0	0	0	6	4	0	2	0	2	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.169286	MOR
Maximum		0.80900	7.0	<0.10	0	0	0	6	4	0	2	0	2	0		0.046000	0.0	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.252533	1/23/2017

APPENDIX B
DISCHARGE MONITORING REPORTS
(OCTOBER - DECEMBER 2016)

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 10/01/16 to 10/31/16**	**DMR Due Date:**	**02/27/17**	**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										=	2	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			=	7.3	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			=	12	26 - lb/d			=	12	=	12	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			=	401	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			=	3444	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			=	2	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			=	73	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			=	1363	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				3	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		0.1292		0.375	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. Value NODI			<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB			
				Sample				1			30 - MPN/100mL		01/30 - Monthly	GR - GRAB			
51040 E. coli	1 - Effluent Gross	0	--	Permit Req. Value NODI				Req Mon MO AVG			30 - MPN/100mL	0	01/30 - Monthly	GR - GRAB			
				Sample						0	28 - ug/L		01/30 - Monthly	GR - GRAB			
78391 Trichloroethene	1 - Effluent Gross	0	--	Permit Req. Value NODI					<=	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
16BlackDeckerWW10.pdf	pdf	1276252

Report Last Saved By

BTR HAMPSTEAD,LLC

User: jjann@menv.com | Date/Time: 2016-11-18 07:49 (Time Zone: -05:00)

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:	101 External Outfall	Discharge:	**101-A** 07-DP-0022, TREATED SANITARY WASTEWATER		

Report Dates & Status

Monitoring Period:	**From 10/01/16 to 10/31/16**	DMR Due Date:	**01/28/17**	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		26484		228000	07 - gal/d								01/30 - Monthly	GR - GRAB
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample											1.9	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.						<=	126	DAILY MX				30 - MPN/100mL	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
16BlackDeckerWW10.pdf	pdf	1276252

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	gsmar@menv.com	Date/Time:	2016-11-17 13:40 (Time Zone: -05:00)
Name:	Gregory Smart		
E-Mail:	gsmar@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 11/01/16 to 11/30/16**	**DMR Due Date:**	**03/27/17**	**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										=	2	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						=	6.7			=	6.9	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			=	3	26 - lb/d			=	5	=	5	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			=	145	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			=	3590	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			=	2	26 - lb/d			=	3	=	3	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			=	96	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			=	1459	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				3	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		0.1211		0.756	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				36.4			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
16BlackDeckerWW11.pdf	pdf	1397490

Report Last Saved By

BTR HAMPSTEAD,LLC

User: jjann@menv.com | Date/Time: 2016-12-19 07:31 (Time Zone: -05:00)

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 12/01/16 to 12/31/16**	DMR Due Date:	**04/27/17**	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										=	6	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						=	6.6			=	7	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			=	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			=	248	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			=	3838	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			=	2	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			=	128	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			=	1587	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				3	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		0.2179		0.809	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			9.9			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
16BlackDeckerWW12.pdf	pdf	1922845

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: jjann@menv.com | Date/Time: 2017-01-23 09:53 (Time Zone: -05:00)

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:	101 External Outfall	Discharge:	**101-A** 07-DP-0022, TREATED SANITARY WASTEWATER		

Report Dates & Status

Monitoring Period:	**From 12/01/16 to 12/31/16**	DMR Due Date:	**01/28/17**	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			4968		46000	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
16BlackDeckerWW12.pdf	pdf	1922845

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	gsmar@menv.com	Date/Time:	2017-01-23 08:50 (Time Zone: -05:00)
Name:	Gregory Smart		
E-Mail:	gsmar@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:	201 External Outfall	Discharge:	**201-A** 07-DP-0022, TREATED GROUND WATER		

Report Dates & Status

Monitoring Period:	**From 10/01/16 to 12/31/16**	DMR Due Date:	**01/28/17**	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		01/90 - Quarterly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
					Sample									0		0	28 - ug/L		01/90 - Quarterly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
					Sample		207873		260095	07 - gal/d									01/90 - Quarterly	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								0	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	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
					Sample									0		0	28 - ug/L		01/90 - Quarterly	GR - GRAB
78391	Trichloroethene	1 - Effluent Gross	0	--	Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW12.pdf	pdf	1922845

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	gsmar@menv.com	Date/Time:	2017-01-23 08:50 (Time Zone: -05:00)
Name:	Gregory Smart		
E-Mail:	gsmar@menv.com		

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(OCTOBER - DECEMBER 2016)

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Analytical Report

Serialized: 10/24/2016 02:53pm DE36

Order Number:	L6510919
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-04-2016
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:

L6510919

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 10/24/16 14:53 DE36

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

Order Number: L6510919
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-04-2016
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
PWSID No:

Sample ID L6510919-1
Sample Description BTR 101
Received Date/Time 10/04/16 12:52pm

Samp. Date/Time/Temp Sampled by
10/04/16 09:09am 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			10/04/16 02:44PM SUB

Sample Comments | Result Qualifiers:

L6510919-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 5953232

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Analytical Report

Serialized: 11/03/2016 05:56pm DE36

Order Number:	L6467153
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-11-2016
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:

L6467153

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 11/03/16 17:56 DE36

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

Order Number: L6467153
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-11-2016
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 L6467153-1 **Sample Description** BTR 001 GRAB
Samp. Date/Time/Temp 10/11/16 08:50am NA C **Sampled by** Customer
Received Date/Time/Temp 10/11/16 04:30pm 1.8 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Hexane Ext. Material-HEM (oil+grease)	ND		mg/l	EPA 1664B	1	5.00	11/01/16 09:22AM YYB
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	12.0		mg/l	SM 2540D		4.00	10/14/16 10:47AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	2.00		mg/l	SM 5210B	1.5	2.00	10/12/16 08:20AM SKJ
GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES (EUROFINS LANCASTER)							
1,1,1-Trichloroethane	ND		ug/l	EPA 624	1	1	10/19/16 03:18AM JSH
Tetrachloroethene	ND		ug/l	EPA 624	1	1	10/19/16 03:18AM JSH
Trichloroethene	ND		ug/l	EPA 624	1	1	10/19/16 03:18AM JSH

Sample ID L6467153-2 **Sample Description** BTR 001 COMP
Samp. Date/Time/Temp 10/11/16 09:04am NA C **Sampled by** Customer
Received Date/Time/Temp 10/11/16 04:30pm 1.8 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Nitrate/nitrite, total as N (Delaware)	0.928		mg/l	EPA 300.0	10	0.500	10/12/16 04:44AM SLD
Kjeldahl nitrogen, as N (Delaware)	1.25		mg/l	EPA 351.2	1	0.200	10/19/16 12:19PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	10/19/16 12:19PM ALW
Ammonia, as N (Delaware)	0.662		mg/l	SM 4500NH3-G	1	0.200	10/12/16 12:20PM ALW

PIN: 17237 Serial Number: 5973797

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 11/01/2016 23:02

Group Number: 1720731

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	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: U162922AA	Sample number(s): 8642230		
Tetrachloroethene	N.D.	0.5	1
1,1,1-Trichloroethane	N.D.	0.5	1
Trichloroethene	N.D.	0.5	1
	mg/l	mg/l	mg/l
Batch number: 16306807902A	Sample number(s): 8642230		
HEM (oil & grease)	N.D.	1.4	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: U162922AA	Sample number(s): 8642230								
Tetrachloroethene	20	19.94			100		77-122		
1,1,1-Trichloroethane	20	23.33			117		72-120		
Trichloroethene	20	21.62			108		80-120		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 16306807902A	Sample number(s): 8642230								
HEM (oil & grease)	40	44	40	36.5	110	91	78-114	19*	11

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: U162922AA	Sample number(s): 8642230 UNSPK: P640746									
Tetrachloroethene	292.26	20	287.52	20	294.58	-23 (2)	12 (2)	77-122	2	30
1,1,1-Trichloroethane	N.D.	20	26.86	20	26.3	134*	132*	72-120	2	30
Trichloroethene	38.45	20	62.83	20	62.64	122*	121*	80-120	0	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(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
Reported: 11/01/2016 23:02

Group Number: 1720731

MS/MSD (continued)

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					
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 16306807902A	Sample number(s): 8642230 UNSPK: P653621									
HEM (oil & grease)	N.D.	43	40.97			95		78-114		

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: U162922AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
8642230	106	96	90
Blank	105	97	93
LCS	103	99	100
MS	110	100	99
MSD	107	99	100
Limits:	78-118	88-107	80-118

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(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: 11/07/2016 12:44pm DE36

Order Number:	L6541968
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-11-2016
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:

L6541968

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

Eurofins QC, Inc.

Analytical Report

Printed 11/07/16 12:44 DE36

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

Order Number: L6541968
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-11-2016
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
PWSID No:

Sample ID L6541968-1
Sample Description BTR 101
Received Date/Time 10/11/16 01:20pm

Samp. Date/Time/Temp Sampled by
10/11/16 09:06am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	12.4		MPN/100ml	SM 9223B			10/11/16 01:58PM SUB

Sample Comments | Result Qualifiers:

L6541968-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 5977524

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Analytical Report

Serialized: 11/07/2016 01:02pm DE36

Order Number:	L6541971
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-11-2016
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:

L6541971

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 11/07/16 13:02 DE36

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

Order Number: L6541971
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-11-2016
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**
L6541971-1 BTR 001 10/11/16 09:01am NA C Customer
Received Date/Time 10/11/16 01:20pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			10/11/16 02:01PM SUB

Sample Comments | Result Qualifiers:

L6541971-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5977584

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Analytical Report

Serialized: 11/07/2016 12:54pm DE36

Order Number:	L6542157
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-18-2016
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:

L6542157

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

Eurofins QC, Inc.

Analytical Report

Printed 11/07/16 12:54 DE36

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

Order Number: L6542157
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-18-2016
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**
L6542157-1 BTR 101 10/18/16 09:07am NA C Customer
Received Date/Time 10/18/16 01:33pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			10/18/16 04:32PM SUB

Sample Comments | Result Qualifiers:

L6542157-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

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Analytical Report

Serialized: 11/07/2016 12:45pm DE36

Order Number:	L6542170
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-25-2016
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:

L6542170

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 11/07/16 12:45 DE36

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

Order Number: L6542170
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-25-2016
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
PWSID No:

Sample ID L6542170-1
Sample Description BTR 101
Received Date/Time 10/25/16 01:15pm

Samp. Date/Time/Temp Sampled by
10/25/16 09:14am 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			10/25/16 03:02PM SUB

Sample Comments | Result Qualifiers:

L6542170-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 5977525

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Analytical Report

Serialized: 11/11/2016 10:23am DE36

Order Number:	L6547130
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-01-2016
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:

L6547130

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 11/11/16 10:23 DE36

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

Order Number: L6547130
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-01-2016
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**
L6547130-1 BTR 101 11/01/16 09:16am NA C Customer
Received Date/Time 11/01/16 01:26pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			11/01/16 02:48PM SUB

Sample Comments | Result Qualifiers:

L6547130-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5986586

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Analytical Report

Serialized: 11/30/2016 10:38am DE36

Order Number:	L6563794
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-08-2016
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:

L6563794

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 11/30/16 10:38 DE36

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

Order Number: L6563794
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-08-2016
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**
L6563794-1 BTR 101 11/08/16 09:03am NA C Customer
Received Date/Time 11/08/16 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			11/08/16 02:20PM SUB

Sample Comments | Result Qualifiers:

L6563794-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6018243

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Analytical Report

Serialized: 12/05/2016 05:03pm DE36

Order Number:	L6514779
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-08-2016
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:

L6514779

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
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Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 12/05/16 17:03 DE36

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

Order Number: L6514779
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-08-2016
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 L6514779-1 **Sample Description** BTR 001 GRAB
Samp. Date/Time/Temp 11/08/16 09:01am NA C **Sampled by** Customer
Received Date/Time/Temp 11/08/16 04:40pm 3.3 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Hexane Ext. Material-HEM (oil+grease)	ND		mg/l	EPA 1664B	1	5.00	12/02/16 12:34AM CNM
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	4.80		mg/l	SM 2540D	1	4.00	11/11/16 01:21PM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	2.00		mg/l	SM 5210B	1.5	2.00	11/09/16 09:25AM SKJ
GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES (EUROFINS LANCASTER)							
1,1,1-Trichloroethane	ND		ug/l	EPA 624	1	1	11/12/16 06:59AM HY
Tetrachloroethene	ND		ug/l	EPA 624	1	1	11/12/16 06:59AM HY
Trichloroethene	ND		ug/l	EPA 624	1	1	11/12/16 06:59AM HY

Sample ID L6514779-2 **Sample Description** BTR 001 COMP
Samp. Date/Time/Temp 11/08/16 09:10am NA C **Sampled by** Customer
Received Date/Time/Temp 11/08/16 04:40pm 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)	2.67		mg/l	EPA 300.0	25	1.25	11/11/16 02:35PM SLD
Kjeldahl nitrogen, as N (Delaware)	0.500		mg/l	EPA 351.2	1	0.200	11/11/16 01:49PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	11/11/16 01:49PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	11/09/16 12:45PM ALW

PIN: 17237 Serial Number: 6027045

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 12/02/2016 08:59

Group Number: 1730779

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	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: U163161AA	Sample number(s): 8686425		
Tetrachloroethene	N.D.	0.5	1
1,1,1-Trichloroethane	N.D.	0.5	1
Trichloroethene	N.D.	0.5	1
	mg/l	mg/l	mg/l
Batch number: 16337807901A	Sample number(s): 8686425		
HEM (oil & grease)	N.D.	1.4	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: U163161AA	Sample number(s): 8686425								
Tetrachloroethene	20	18.14			91		77-122		
1,1,1-Trichloroethane	20	19.88			99		72-120		
Trichloroethene	20	18.75			94		80-120		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 16337807901A	Sample number(s): 8686425								
HEM (oil & grease)	40	41.1	40	39.8	103	100	78-114	3	11

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: U163161AA	Sample number(s): 8686425 UNSPK: P685867									
Tetrachloroethene	N.D.	20	23.05	20	20.67	115	103	77-122	11	30
1,1,1-Trichloroethane	N.D.	20	26.45	20	24.24	132*	121*	72-120	9	30
Trichloroethene	N.D.	20	24.29	20	21.76	121*	109	80-120	11	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(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
Reported: 12/02/2016 08:59

Group Number: 1730779

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

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: U163161AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
8686425	100	96	84
Blank	101	97	86
LCS	100	101	100
MS	102	103	94
MSD	105	101	97
Limits:	78-118	88-107	80-118

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(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: 11/30/2016 10:46am DE36

Order Number:	L6563795
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-08-2016
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:

L6563795

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 11/30/16 10:46 DE36

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

Order Number: L6563795
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-08-2016
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**
L6563795-1 BTR 001 11/08/16 09:06am NA C Customer
Received Date/Time 11/08/16 12:55pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	36.4		MPN/100ml	SM 9223B			11/08/16 02:24PM SUB

Sample Comments | Result Qualifiers:

L6563795-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

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Analytical Report

Serialized: 11/30/2016 10:58am DE36

Order Number:	L6565329
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-15-2016
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:

L6565329

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 11/30/16 10:58 DE36

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

Order Number: L6565329
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-15-2016
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
PWSID No:

Sample ID L6565329-1
Sample Description BTR 101
Received Date/Time 11/15/16 12:45pm

Samp. Date/Time/Temp Sampled by
11/15/16 09:07am 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			11/15/16 01:26PM SUB

Sample Comments | Result Qualifiers:

L6565329-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

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Analytical Report

Serialized: 12/08/2016 10:37am DE36

Order Number:	L6584166
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-22-2016
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:

L6584166

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 12/08/16 10:37 DE36

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

Order Number: L6584166
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-22-2016
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**
L6584166-1 BTR 101 11/22/16 09:12am NA C Customer
Received Date/Time 11/22/16 12:50pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			11/22/16 01:30PM SUB

Sample Comments | Result Qualifiers:

L6584166-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6031565

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Analytical Report

Serialized: 12/08/2016 10:38am DE36

Order Number:	L6584358
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-29-2016
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:

L6584358

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 12/08/16 10:38 DE36

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

Order Number: L6584358
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-29-2016
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**
L6584358-1 BTR 101 11/29/16 09:12am NA C Customer
Received Date/Time 11/29/16 01:20pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			11/29/16 02:11PM SUB

Sample Comments | Result Qualifiers:

L6584358-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6031582

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Analytical Report

Serialized: 12/21/2016 02:33pm DE36

Order Number:	L6552274
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-06-2016
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:

L6552274

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 12/21/16 14:33 DE36

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

Order Number: L6552274
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-06-2016
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 L6552274-1 **Sample Description** BTR 001 GRAB **Samp. Date/Time/Temp** 12/06/16 09:00am NA C **Sampled by** Customer
Received Date/Time/Temp 12/06/16 04:30pm 2.0 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Hexane Ext. Material-HEM (oil+grease)	ND		mg/l	EPA 1664B	1	5.00	12/19/16 09:07PM YYB
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	4.40		mg/l	SM 2540D	1	4.00	12/08/16 01:18PM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	6.00		mg/l	SM 5210B	1.5	2.00	12/07/16 09:30PM EGL
GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES (EUROFINS LANCASTER)							
1,1,1-Trichloroethane	ND		ug/l	EPA 624	1	1	12/12/16 07:09AM HY
Tetrachloroethene	ND		ug/l	EPA 624	1	1	12/12/16 07:09AM HY
Trichloroethene	ND		ug/l	EPA 624	1	1	12/12/16 07:09AM HY

Sample ID L6552274-2 **Sample Description** BTR 001 COMP **Samp. Date/Time/Temp** 12/06/16 09:00am NA C **Sampled by** Customer
Received Date/Time/Temp 12/06/16 04:30pm 2.0 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Nitrate/nitrite, total as N (Delaware)	1.77		mg/l	EPA 300.0	10	0.500	12/08/16 07:56AM SLD
Kjeldahl nitrogen, as N (Delaware)	0.498		mg/l	EPA 351.2	1	0.200	12/16/16 01:44PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	12/16/16 01:44PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	12/07/16 11:30AM ALW

PIN: 17237 Serial Number: 6056324

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 12/21/2016 06:29

Group Number: 1741383

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	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: U163462AA	Sample number(s): 8731740		
Tetrachloroethene	N.D.	0.5	1
1,1,1-Trichloroethane	N.D.	0.5	1
Trichloroethene	N.D.	0.5	1
	mg/l	mg/l	mg/l
Batch number: 16354807903A	Sample number(s): 8731740		
HEM (oil & grease)	N.D.	1.4	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: U163462AA	Sample number(s): 8731740								
Tetrachloroethene	20	18.84			94		77-122		
1,1,1-Trichloroethane	20	19.17			96		72-120		
Trichloroethene	20	19.75			99		80-120		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 16354807903A	Sample number(s): 8731740								
HEM (oil & grease)	40	35	40	33.6	88	84	78-114	4	11

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: U163462AA	Sample number(s): 8731740 UNSPK: 8731740									
Tetrachloroethene	N.D.	20	19.68	20	19.07	98	95	77-122	3	30
1,1,1-Trichloroethane	N.D.	20	19.8	20	19.43	99	97	72-120	2	30
Trichloroethene	N.D.	20	20.12	20	19.15	101	96	80-120	5	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(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
Reported: 12/21/2016 06:29

Group Number: 1741383

MS/MSD (continued)

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					
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 16354807903A	Sample number(s): 8731740 UNSPK: P731614									
HEM (oil & grease)	N.D.	40	1.90			5*		78-114		

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: U161462AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
8731740	100	95	88
Blank	101	98	88
LCS	100	101	97
MS	101	100	97
MSD	101	99	97
Limits:	78-118	88-107	80-118

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(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.

1741383

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

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

L6552274

Lab# Client Code

Sampler D. Conle 0505DE

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	12-6-16	9:00	BOD, TSS
BTR-2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	12-6-16	9:00	N+N, TKN, NH3, TP
BTR-3		Monthly Grab	1 Liter Glass H2S04	WW	1	12-6-16	9:00	Oil and Grease
BTR-4		Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	12-6-16	9:00	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

Transferred by:	Received by:	Date 12-6-16	Time 10:45	Cooler Receipt Information (LAB USE ONLY)
Transferred by:	Received by:	Date 12/6/16	Time 1945	Sufficient ice? - Yes/No If No, temp.= 2.0°
Transferred by:	Received by:	Date 12/6/16	Time 1630	Sample containers pres'd? - Yes/No If No, explain
				Custody Seal present/intact? - Yes/No
				Initials: Date:

12/6/16 Cooler 7316 1650

12-6-16 @ 1900

01/2014

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Analytical Report

Serialized: 12/15/2016 03:55pm DE36

Order Number:	L6592371
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-06-2016
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:

L6592371

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 12/15/16 15:55 DE36

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

Order Number: L6592371
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-06-2016
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 L6592371-1 **Sample Description** BTR 101
Received Date/Time 12/06/16 12:20pm

Samp. Date/Time/Temp Sampled by
12/06/16 09:07am 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			12/06/16 01:41PM SUB

Sample Comments | Result Qualifiers:

L6592371-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6045528

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Analytical Report

Serialized: 12/15/2016 04:17pm DE36

Order Number:	L6592365
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-06-2016
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:

L6592365

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Analytical Report

Printed 12/15/16 16:17 DE36

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

Order Number: L6592365
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-06-2016
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 L6592365-1 **Sample Description** BTR 001
Received Date/Time 12/06/16 12:20pm
Samp. Date/Time/Temp 12/06/16 09:10am NA C **Sampled by** Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	9.9		MPN/100ml	SM 9223B			12/06/16 01:41PM SUB

Sample Comments | Result Qualifiers:

L6592365-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6045603

eurofins | QC

Analytical Report

Serialized: 12/20/2016 06:16pm DE36

Order Number:	L6600489
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-13-2016
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:

L6600489

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 12/20/16 18:16 DE36

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

Order Number: L6600489
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-13-2016
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**
L6600489-1 BTR 101 12/13/16 09:09am NA C Customer
Received Date/Time 12/13/16 12:54pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			12/13/16 02:27PM SUB

Sample Comments | Result Qualifiers:

L6600489-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6054623

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Analytical Report

Serialized: 12/31/2016 06:55am DE36

Order Number:	L6609502
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-20-2016
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:

L6609502

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 12/31/16 06:55 DE36

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

Order Number: L6609502
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-20-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

Account No:AL0341, MARYLAND ENVIRONMENTAL SERVICE A **P.O. No:** **Inv. No:** 1843015
Project No: AL0341 BTR WWTP, BTR HAMPSTEAD WWTP **PWSID No:**

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6609502-1 BTR 101 12/20/16 09:23am NA C Customer
Received Date/Time 12/20/16 12:42pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			12/20/16 01:43PM SUB

Sample Comments | Result Qualifiers:

L6609502-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6062758

eurofins | QC

Analytical Report

Serialized: 01/10/2017 12:45pm DE36

Order Number:	L6631868
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-28-2016
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:

L6631868

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

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Eurofins QC, Inc.

Analytical Report

Printed 01/10/17 12:45 DE36

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

Order Number: L6631868
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-28-2016
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**
L6631868-1 BTR 101 12/28/16 09:06am NA C Customer
Received Date/Time 12/28/16 12:40pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			12/28/16 01:20PM SUB

Sample Comments | Result Qualifiers:

L6631868-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6077344

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(NOVEMBER 2016)

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: 680-131882-1
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:
11/18/2016 10:38:18 AM

Lisa Harvey, Project Manager II
(912)354-7858 e.3221
lisa.harvey@testamericainc.com

Job ID: 680-131882-1

Laboratory: TestAmerica Savannah

Narrative

Client: Weston Solutions, Inc.
Project: Black & Decker
Report Number: 680-131882-1

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

RECEIPT

The samples were received on 11/08/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 1.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples RFW-20 (680-131882-1), RFW-21 (680-131882-2), HAMP-22 (680-131882-3), HAMP-23 (680-131882-4) and Trip Blank (680-131882-5) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 11/16/2016 and 11/17/2016.

Method(s) 524.2: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 680-458071 recovered outside control limits for the following analytes: 2-Butanone, 2-Hexanone, and Acetone. These analytes were biased high in the LCS and LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 524.2: The low level laboratory control sample (LLCS) for analytical batch 680-458071 recovered outside control limits for the following analytes: Bromoform and Chlorodibromomethane. These analytes were biased high in the LLCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 524.2: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-458071.

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: 680-131882-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-131882-1	RFW-20	Water	11/04/16 09:00	11/08/16 09:24
680-131882-2	RFW-21	Water	11/04/16 08:15	11/08/16 09:24
680-131882-3	HAMP-22	Water	11/07/16 09:40	11/08/16 09:24
680-131882-4	HAMP-23	Water	11/07/16 09:40	11/08/16 09:24
680-131882-5	Trip Blank	Water	11/04/16 09:00	11/08/16 09:24

Method Summary

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

TestAmerica Job ID: 680-131882-1

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
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

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

TestAmerica Job ID: 680-131882-1

Client Sample ID: RFW-20

Date Collected: 11/04/16 09:00
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-1

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			11/17/16 00:57	1
Benzene	<0.50		0.50	0.082	ug/L			11/17/16 00:57	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/17/16 00:57	1
Bromoform	<0.50	*	0.50	0.17	ug/L			11/17/16 00:57	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/17/16 00:57	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/17/16 00:57	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 00:57	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/17/16 00:57	1
Chlorodibromomethane	<0.50	*	0.50	0.13	ug/L			11/17/16 00:57	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/17/16 00:57	1
Chloroform	<0.50		0.50	0.20	ug/L			11/17/16 00:57	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/17/16 00:57	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/17/16 00:57	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/17/16 00:57	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 00:57	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/17/16 00:57	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/17/16 00:57	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/17/16 00:57	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/17/16 00:57	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/17/16 00:57	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/17/16 00:57	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/17/16 00:57	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/17/16 00:57	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/17/16 00:57	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/17/16 00:57	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/17/16 00:57	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/17/16 00:57	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/17/16 00:57	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/17/16 00:57	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/17/16 00:57	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/17/16 00:57	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/17/16 00:57	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/17/16 00:57	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/17/16 00:57	1
Freon 113	<0.50		0.50	0.15	ug/L			11/17/16 00:57	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/17/16 00:57	1
2-Hexanone	<10	*	10	5.0	ug/L			11/17/16 00:57	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/17/16 00:57	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/17/16 00:57	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/17/16 00:57	1
2-Butanone (MEK)	<10	*	10	5.0	ug/L			11/17/16 00:57	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/17/16 00:57	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/17/16 00:57	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/17/16 00:57	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 00:57	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 00:57	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/17/16 00:57	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 00:57	1
Styrene	<0.50		0.50	0.089	ug/L			11/17/16 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/17/16 00:57	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/17/16 00:57	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 00:57	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/17/16 00:57	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/17/16 00:57	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/17/16 00:57	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/17/16 00:57	1
Toluene	**0.12**	**J**	0.50	0.086	ug/L			11/17/16 00:57	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 00:57	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/17/16 00:57	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 00:57	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/17/16 00:57	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/17/16 00:57	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/17/16 00:57	1
Trichloroethene	**0.31**	**J**	0.50	0.13	ug/L			11/17/16 00:57	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/17/16 00:57	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/17/16 00:57	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/17/16 00:57	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 00:57	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/17/16 00:57	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/17/16 00:57	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/17/16 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*11/17/16 00:57*	*1*
1,2-Dichlorobenzene-d4	*98*		*70 - 130*		*11/17/16 00:57*	*1*

Client Sample ID: RFW-21

Date Collected: 11/04/16 08:15
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-2

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			11/17/16 01:19	1
Benzene	<0.50		0.50	0.082	ug/L			11/17/16 01:19	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/17/16 01:19	1
Bromoform	<0.50	*	0.50	0.17	ug/L			11/17/16 01:19	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/17/16 01:19	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/17/16 01:19	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:19	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/17/16 01:19	1
Chlorodibromomethane	<0.50	*	0.50	0.13	ug/L			11/17/16 01:19	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/17/16 01:19	1
Chloroform	<0.50		0.50	0.20	ug/L			11/17/16 01:19	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/17/16 01:19	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/17/16 01:19	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/17/16 01:19	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 01:19	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/17/16 01:19	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/17/16 01:19	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/17/16 01:19	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/17/16 01:19	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/17/16 01:19	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/17/16 01:19	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/17/16 01:19	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/17/16 01:19	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/17/16 01:19	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/17/16 01:19	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/17/16 01:19	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/17/16 01:19	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/17/16 01:19	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/17/16 01:19	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/17/16 01:19	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/17/16 01:19	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/17/16 01:19	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/17/16 01:19	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/17/16 01:19	1
Freon 113	<0.50		0.50	0.15	ug/L			11/17/16 01:19	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/17/16 01:19	1
2-Hexanone	<10	*	10	5.0	ug/L			11/17/16 01:19	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/17/16 01:19	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/17/16 01:19	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/17/16 01:19	1
2-Butanone (MEK)	<10	*	10	5.0	ug/L			11/17/16 01:19	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/17/16 01:19	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/17/16 01:19	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/17/16 01:19	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 01:19	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 01:19	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/17/16 01:19	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:19	1
Styrene	<0.50		0.50	0.089	ug/L			11/17/16 01:19	1

Client Sample ID: RFW-21
Date Collected: 11/04/16 08:15
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/17/16 01:19	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/17/16 01:19	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:19	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/17/16 01:19	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/17/16 01:19	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/17/16 01:19	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/17/16 01:19	1
Toluene	<0.50		0.50	0.086	ug/L			11/17/16 01:19	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 01:19	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/17/16 01:19	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:19	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/17/16 01:19	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/17/16 01:19	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/17/16 01:19	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/17/16 01:19	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/17/16 01:19	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/17/16 01:19	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/17/16 01:19	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 01:19	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/17/16 01:19	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/17/16 01:19	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/17/16 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*11/17/16 01:19*	*1*
1,2-Dichlorobenzene-d4	*98*		*70 - 130*		*11/17/16 01:19*	*1*

Client Sample ID: HAMP-22

Date Collected: 11/07/16 09:40
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-3

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			11/17/16 01:42	1
Benzene	<0.50		0.50	0.082	ug/L			11/17/16 01:42	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/17/16 01:42	1
Bromoform	<0.50	*	0.50	0.17	ug/L			11/17/16 01:42	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/17/16 01:42	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/17/16 01:42	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:42	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/17/16 01:42	1
Chlorodibromomethane	<0.50	*	0.50	0.13	ug/L			11/17/16 01:42	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/17/16 01:42	1
Chloroform	**0.34**	**J**	0.50	0.20	ug/L			11/17/16 01:42	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/17/16 01:42	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/17/16 01:42	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/17/16 01:42	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 01:42	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/17/16 01:42	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/17/16 01:42	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/17/16 01:42	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/17/16 01:42	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/17/16 01:42	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/17/16 01:42	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/17/16 01:42	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/17/16 01:42	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/17/16 01:42	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/17/16 01:42	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/17/16 01:42	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/17/16 01:42	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/17/16 01:42	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/17/16 01:42	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/17/16 01:42	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/17/16 01:42	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/17/16 01:42	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/17/16 01:42	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/17/16 01:42	1
Freon 113	<0.50		0.50	0.15	ug/L			11/17/16 01:42	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/17/16 01:42	1
2-Hexanone	<10	*	10	5.0	ug/L			11/17/16 01:42	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/17/16 01:42	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/17/16 01:42	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/17/16 01:42	1
2-Butanone (MEK)	<10	*	10	5.0	ug/L			11/17/16 01:42	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/17/16 01:42	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/17/16 01:42	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/17/16 01:42	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 01:42	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 01:42	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/17/16 01:42	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:42	1
Styrene	<0.50		0.50	0.089	ug/L			11/17/16 01:42	1

Client Sample ID: HAMP-22

Date Collected: 11/07/16 09:40
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-3

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			11/17/16 01:42	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/17/16 01:42	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:42	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/17/16 01:42	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/17/16 01:42	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/17/16 01:42	1
Tetrachloroethene	**0.46**	J	0.50	0.18	ug/L			11/17/16 01:42	1
Toluene	<0.50		0.50	0.086	ug/L			11/17/16 01:42	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 01:42	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/17/16 01:42	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 01:42	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/17/16 01:42	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/17/16 01:42	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/17/16 01:42	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/17/16 01:42	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/17/16 01:42	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/17/16 01:42	1
Trihalomethanes, Total	**0.34**	J	0.50	0.079	ug/L			11/17/16 01:42	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 01:42	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/17/16 01:42	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/17/16 01:42	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/17/16 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*11/17/16 01:42*	*1*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*		*11/17/16 01:42*	*1*

Client Sample Results

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

TestAmerica Job ID: 680-131882-1

Client Sample ID: HAMP-23

Date Collected: 11/07/16 09:40
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-4

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			11/17/16 02:04	1
Benzene	<0.50		0.50	0.082	ug/L			11/17/16 02:04	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/17/16 02:04	1
Bromoform	<0.50	*	0.50	0.17	ug/L			11/17/16 02:04	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/17/16 02:04	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/17/16 02:04	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 02:04	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/17/16 02:04	1
Chlorodibromomethane	<0.50	*	0.50	0.13	ug/L			11/17/16 02:04	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/17/16 02:04	1
Chloroform	<0.50		0.50	0.20	ug/L			11/17/16 02:04	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/17/16 02:04	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/17/16 02:04	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/17/16 02:04	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 02:04	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/17/16 02:04	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/17/16 02:04	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/17/16 02:04	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/17/16 02:04	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/17/16 02:04	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/17/16 02:04	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/17/16 02:04	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/17/16 02:04	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/17/16 02:04	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/17/16 02:04	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/17/16 02:04	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/17/16 02:04	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/17/16 02:04	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/17/16 02:04	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/17/16 02:04	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/17/16 02:04	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/17/16 02:04	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/17/16 02:04	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/17/16 02:04	1
Freon 113	<0.50		0.50	0.15	ug/L			11/17/16 02:04	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/17/16 02:04	1
2-Hexanone	<10	*	10	5.0	ug/L			11/17/16 02:04	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/17/16 02:04	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/17/16 02:04	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/17/16 02:04	1
2-Butanone (MEK)	<10	*	10	5.0	ug/L			11/17/16 02:04	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/17/16 02:04	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/17/16 02:04	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/17/16 02:04	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 02:04	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 02:04	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/17/16 02:04	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 02:04	1
Styrene	<0.50		0.50	0.089	ug/L			11/17/16 02:04	1

Client Sample ID: HAMP-23

Date Collected: 11/07/16 09:40
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-4

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			11/17/16 02:04	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/17/16 02:04	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/17/16 02:04	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/17/16 02:04	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/17/16 02:04	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/17/16 02:04	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/17/16 02:04	1
Toluene	<0.50		0.50	0.086	ug/L			11/17/16 02:04	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/17/16 02:04	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/17/16 02:04	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/17/16 02:04	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/17/16 02:04	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/17/16 02:04	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/17/16 02:04	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/17/16 02:04	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/17/16 02:04	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/17/16 02:04	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/17/16 02:04	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/17/16 02:04	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/17/16 02:04	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/17/16 02:04	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/17/16 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*11/17/16 02:04*	*1*
1,2-Dichlorobenzene-d4	*102*		*70 - 130*		*11/17/16 02:04*	*1*

Client Sample ID: Trip Blank

Date Collected: 11/04/16 09:00
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-5

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			11/16/16 21:33	1
Benzene	<0.50		0.50	0.082	ug/L			11/16/16 21:33	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/16/16 21:33	1
Bromoform	<0.50	*	0.50	0.17	ug/L			11/16/16 21:33	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/16/16 21:33	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/16/16 21:33	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:33	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/16/16 21:33	1
Chlorodibromomethane	<0.50	*	0.50	0.13	ug/L			11/16/16 21:33	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/16/16 21:33	1
Chloroform	<0.50		0.50	0.20	ug/L			11/16/16 21:33	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/16/16 21:33	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/16/16 21:33	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/16/16 21:33	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/16/16 21:33	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/16/16 21:33	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/16/16 21:33	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/16/16 21:33	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/16/16 21:33	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/16/16 21:33	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/16/16 21:33	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/16/16 21:33	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/16/16 21:33	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/16/16 21:33	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/16/16 21:33	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/16/16 21:33	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/16/16 21:33	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/16/16 21:33	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/16/16 21:33	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/16/16 21:33	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/16/16 21:33	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/16/16 21:33	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/16/16 21:33	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/16/16 21:33	1
Freon 113	<0.50		0.50	0.15	ug/L			11/16/16 21:33	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/16/16 21:33	1
2-Hexanone	<10	*	10	5.0	ug/L			11/16/16 21:33	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/16/16 21:33	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/16/16 21:33	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/16/16 21:33	1
2-Butanone (MEK)	<10	*	10	5.0	ug/L			11/16/16 21:33	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/16/16 21:33	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/16/16 21:33	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/16/16 21:33	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/16/16 21:33	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/16/16 21:33	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/16/16 21:33	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:33	1
Styrene	<0.50		0.50	0.089	ug/L			11/16/16 21:33	1

Client Sample ID: Trip Blank

Date Collected: 11/04/16 09:00
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-5

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			11/16/16 21:33	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/16/16 21:33	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:33	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/16/16 21:33	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/16/16 21:33	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/16/16 21:33	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/16/16 21:33	1
Toluene	<0.50		0.50	0.086	ug/L			11/16/16 21:33	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/16/16 21:33	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/16/16 21:33	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:33	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/16/16 21:33	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/16/16 21:33	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/16/16 21:33	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/16/16 21:33	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/16/16 21:33	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/16/16 21:33	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/16/16 21:33	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/16/16 21:33	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/16/16 21:33	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/16/16 21:33	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/16/16 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*11/16/16 21:33*	*1*
1,2-Dichlorobenzene-d4	*101*		*70 - 130*		*11/16/16 21:33*	*1*

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

Lab Sample ID: MB 680-458071/9
Matrix: Water
Analysis Batch: 458071

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			11/16/16 21:11	1
Benzene	<0.50		0.50	0.082	ug/L			11/16/16 21:11	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/16/16 21:11	1
Bromoform	<0.50		0.50	0.17	ug/L			11/16/16 21:11	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/16/16 21:11	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/16/16 21:11	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:11	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/16/16 21:11	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/16/16 21:11	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/16/16 21:11	1
Chloroform	<0.50		0.50	0.20	ug/L			11/16/16 21:11	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/16/16 21:11	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/16/16 21:11	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/16/16 21:11	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/16/16 21:11	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/16/16 21:11	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/16/16 21:11	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/16/16 21:11	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/16/16 21:11	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/16/16 21:11	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/16/16 21:11	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/16/16 21:11	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/16/16 21:11	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/16/16 21:11	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/16/16 21:11	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/16/16 21:11	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/16/16 21:11	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/16/16 21:11	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/16/16 21:11	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/16/16 21:11	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/16/16 21:11	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/16/16 21:11	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/16/16 21:11	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/16/16 21:11	1
Freon 113	<0.50		0.50	0.15	ug/L			11/16/16 21:11	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/16/16 21:11	1
2-Hexanone	<10		10	5.0	ug/L			11/16/16 21:11	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/16/16 21:11	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/16/16 21:11	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/16/16 21:11	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/16/16 21:11	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/16/16 21:11	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/16/16 21:11	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/16/16 21:11	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/16/16 21:11	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/16/16 21:11	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/16/16 21:11	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:11	1

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

Lab Sample ID: MB 680-458071/9
Matrix: Water
Analysis Batch: 458071

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			11/16/16 21:11	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/16/16 21:11	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/16/16 21:11	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:11	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/16/16 21:11	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/16/16 21:11	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/16/16 21:11	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/16/16 21:11	1
Toluene	<0.50		0.50	0.086	ug/L			11/16/16 21:11	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/16/16 21:11	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/16/16 21:11	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/16/16 21:11	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/16/16 21:11	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/16/16 21:11	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/16/16 21:11	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/16/16 21:11	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/16/16 21:11	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/16/16 21:11	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/16/16 21:11	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/16/16 21:11	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/16/16 21:11	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/16/16 21:11	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/16/16 21:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*11/16/16 21:11*	*1*
1,2-Dichlorobenzene-d4	*100*		*70 - 130*		*11/16/16 21:11*	*1*

Lab Sample ID: LCS 680-458071/3
Matrix: Water
Analysis Batch: 458071

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	198	*	ug/L		198	70 - 130
Benzene	20.0	19.9		ug/L		99	70 - 130
Bromobenzene	20.0	18.6		ug/L		93	70 - 130
Bromoform	20.0	19.7		ug/L		99	70 - 130
Bromomethane	20.0	18.3		ug/L		92	70 - 130
Carbon tetrachloride	20.0	21.5		ug/L		107	70 - 130
Chlorobenzene	20.0	19.8		ug/L		99	70 - 130
Chlorobromomethane	20.0	19.7		ug/L		98	70 - 130
Chlorodibromomethane	20.0	19.6		ug/L		98	70 - 130
Chloroethane	20.0	20.3		ug/L		101	70 - 130
Chloroform	20.0	20.0		ug/L		100	70 - 130
Chloromethane	20.0	17.3		ug/L		87	70 - 130
2-Chlorotoluene	20.0	19.8		ug/L		99	70 - 130
4-Chlorotoluene	20.0	19.5		ug/L		98	70 - 130
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	70 - 130

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

Lab Sample ID: LCS 680-458071/3
Matrix: Water
Analysis Batch: 458071

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	20.0		ug/L		100	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	70 - 130
Dibromomethane	20.0	18.7		ug/L		93	70 - 130
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130
1,3-Dichlorobenzene	20.0	19.3		ug/L		96	70 - 130
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	70 - 130
Dichlorobromomethane	20.0	19.1		ug/L		95	70 - 130
Dichlorodifluoromethane	20.0	21.2		ug/L		106	70 - 130
1,1-Dichloroethane	20.0	19.2		ug/L		96	70 - 130
1,2-Dichloroethane	20.0	19.6		ug/L		98	70 - 130
1,1-Dichloroethene	20.0	21.1		ug/L		105	70 - 130
1,2-Dichloropropane	20.0	19.3		ug/L		96	70 - 130
1,3-Dichloropropane	20.0	19.4		ug/L		97	70 - 130
2,2-Dichloropropane	20.0	21.8		ug/L		109	70 - 130
1,1-Dichloropropene	20.0	20.4		ug/L		102	70 - 130
1,3-Dichloropropene, Total	40.0	39.7		ug/L		99	70 - 130
Diisopropyl ether	20.0	20.2		ug/L		101	70 - 130
Ethylbenzene	20.0	20.2		ug/L		101	70 - 130
Ethylene Dibromide	20.0	19.6		ug/L		98	70 - 130
Freon 113	20.0	22.7		ug/L		113	70 - 130
Hexachlorobutadiene	20.0	19.7		ug/L		99	70 - 130
2-Hexanone	100	140	*	ug/L		140	70 - 130
Isopropylbenzene	20.0	20.6		ug/L		103	70 - 130
4-Isopropyltoluene	20.0	20.9		ug/L		104	70 - 130
Methylene Chloride	20.0	18.8		ug/L		94	70 - 130
2-Butanone (MEK)	100	143	*	ug/L		143	70 - 130
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	70 - 130
m-Xylene & p-Xylene	20.0	19.9		ug/L		99	70 - 130
Naphthalene	20.0	20.1		ug/L		100	70 - 130
n-Butylbenzene	20.0	20.8		ug/L		104	70 - 130
N-Propylbenzene	20.0	20.6		ug/L		103	70 - 130
o-Xylene	20.0	20.2		ug/L		101	70 - 130
sec-Butylbenzene	20.0	20.5		ug/L		103	70 - 130
Styrene	20.0	19.6		ug/L		98	70 - 130
Tert-amyl methyl ether	20.0	19.8		ug/L		99	70 - 130
tert-Butyl alcohol	200	196		ug/L		98	70 - 130
tert-Butylbenzene	20.0	20.5		ug/L		103	70 - 130
Tert-butyl ethyl ether	20.0	20.3		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	70 - 130
Tetrachloroethene	20.0	20.1		ug/L		101	70 - 130
Toluene	20.0	20.4		ug/L		102	70 - 130
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
trans-1,3-Dichloropropene	20.0	19.7		ug/L		99	70 - 130
1,2,3-Trichlorobenzene	20.0	19.4		ug/L		97	70 - 130
1,2,4-Trichlorobenzene	20.0	19.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	20.0	20.9		ug/L		105	70 - 130
1,1,2-Trichloroethane	20.0	18.6		ug/L		93	70 - 130

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

Lab Sample ID: LCS 680-458071/3
Matrix: Water
Analysis Batch: 458071

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	21.2		ug/L		106	70 - 130
Trichlorofluoromethane	20.0	22.1		ug/L		110	70 - 130
1,2,3-Trichloropropane	20.0	19.6		ug/L		98	70 - 130
Trihalomethanes, Total	80.0	78.4		ug/L		98	70 - 130
1,2,4-Trimethylbenzene	20.0	20.0		ug/L		100	70 - 130
1,3,5-Trimethylbenzene	20.0	20.5		ug/L		103	70 - 130
Vinyl chloride	20.0	20.2		ug/L		101	70 - 130
Xylenes, Total	40.0	40.1		ug/L		100	70 - 130

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

Lab Sample ID: LCSD 680-458071/4
Matrix: Water
Analysis Batch: 458071

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	97.5	*	ug/L		98	70 - 130	68	30
Benzene	20.0	20.5		ug/L		102	70 - 130	3	30
Bromobenzene	20.0	18.7		ug/L		93	70 - 130	0	30
Bromoform	20.0	19.5		ug/L		97	70 - 130	1	30
Bromomethane	20.0	22.6		ug/L		113	70 - 130	21	30
Carbon tetrachloride	20.0	22.4		ug/L		112	70 - 130	4	30
Chlorobenzene	20.0	20.1		ug/L		100	70 - 130	1	30
Chlorobromomethane	20.0	19.8		ug/L		99	70 - 130	1	30
Chlorodibromomethane	20.0	19.5		ug/L		97	70 - 130	1	30
Chloroethane	20.0	23.6		ug/L		118	70 - 130	15	30
Chloroform	20.0	19.9		ug/L		100	70 - 130	0	30
Chloromethane	20.0	17.9		ug/L		90	70 - 130	3	30
2-Chlorotoluene	20.0	20.7		ug/L		104	70 - 130	5	30
4-Chlorotoluene	20.0	20.6		ug/L		103	70 - 130	5	30
cis-1,2-Dichloroethene	20.0	21.6		ug/L		108	70 - 130	3	30
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	20.0	20.0		ug/L		100	70 - 130	0	30
Dibromomethane	20.0	19.6		ug/L		98	70 - 130	5	30
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	1	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	70 - 130	1	30
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130	0	30
Dichlorobromomethane	20.0	19.4		ug/L		97	70 - 130	2	30
Dichlorodifluoromethane	20.0	23.5		ug/L		118	70 - 130	10	30
1,1-Dichloroethane	20.0	20.1		ug/L		100	70 - 130	4	30
1,2-Dichloroethane	20.0	18.5		ug/L		92	70 - 130	6	30
1,1-Dichloroethene	20.0	22.3		ug/L		112	70 - 130	6	30
1,2-Dichloropropane	20.0	19.9		ug/L		100	70 - 130	3	30
1,3-Dichloropropane	20.0	19.5		ug/L		97	70 - 130	0	30
2,2-Dichloropropane	20.0	22.2		ug/L		111	70 - 130	2	30
1,1-Dichloropropene	20.0	21.1		ug/L		105	70 - 130	3	30

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

Lab Sample ID: LCSD 680-458071/4
Matrix: Water
Analysis Batch: 458071

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	2	30
Diisopropyl ether	20.0	20.6		ug/L		103	70 - 130	2	30
Ethylbenzene	20.0	21.0		ug/L		105	70 - 130	4	30
Ethylene Dibromide	20.0	18.5		ug/L		93	70 - 130	5	30
Freon 113	20.0	23.2		ug/L		116	70 - 130	2	30
Hexachlorobutadiene	20.0	21.3		ug/L		106	70 - 130	8	30
2-Hexanone	100	94.6	*	ug/L		95	70 - 130	38	30
Isopropylbenzene	20.0	21.6		ug/L		108	70 - 130	5	30
4-Isopropyltoluene	20.0	21.2		ug/L		106	70 - 130	2	30
Methylene Chloride	20.0	18.9		ug/L		95	70 - 130	1	30
2-Butanone (MEK)	100	93.8	*	ug/L		94	70 - 130	42	30
4-Methyl-2-pentanone (MIBK)	100	94.4		ug/L		94	70 - 130	7	30
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	70 - 130	5	30
Naphthalene	20.0	20.2		ug/L		101	70 - 130	1	30
n-Butylbenzene	20.0	22.2		ug/L		111	70 - 130	6	30
N-Propylbenzene	20.0	21.4		ug/L		107	70 - 130	4	30
o-Xylene	20.0	20.5		ug/L		102	70 - 130	1	30
sec-Butylbenzene	20.0	21.9		ug/L		110	70 - 130	7	30
Styrene	20.0	20.1		ug/L		101	70 - 130	3	30
Tert-amyl methyl ether	20.0	19.8		ug/L		99	70 - 130	0	30
tert-Butyl alcohol	200	178		ug/L		89	70 - 130	10	30
tert-Butylbenzene	20.0	21.5		ug/L		108	70 - 130	5	30
Tert-butyl ethyl ether	20.0	20.0		ug/L		100	70 - 130	2	30
1,1,1,2-Tetrachloroethane	20.0	19.6		ug/L		98	70 - 130	1	30
1,1,2,2-Tetrachloroethane	20.0	18.0		ug/L		90	70 - 130	1	30
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 130	2	30
Toluene	20.0	21.0		ug/L		105	70 - 130	3	30
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 130	3	30
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	70 - 130	1	30
1,2,3-Trichlorobenzene	20.0	20.1		ug/L		100	70 - 130	3	30
1,2,4-Trichlorobenzene	20.0	20.0		ug/L		100	70 - 130	0	30
1,1,1-Trichloroethane	20.0	21.7		ug/L		109	70 - 130	4	30
1,1,2-Trichloroethane	20.0	18.8		ug/L		94	70 - 130	1	30
Trichloroethene	20.0	21.5		ug/L		108	70 - 130	1	30
Trichlorofluoromethane	20.0	23.0		ug/L		115	70 - 130	4	30
1,2,3-Trichloropropane	20.0	19.1		ug/L		96	70 - 130	3	30
Trihalomethanes, Total	80.0	78.3		ug/L		98	70 - 130	0	30
1,2,4-Trimethylbenzene	20.0	21.0		ug/L		105	70 - 130	5	30
1,3,5-Trimethylbenzene	20.0	21.2		ug/L		106	70 - 130	3	30
Vinyl chloride	20.0	21.5		ug/L		108	70 - 130	6	30
Xylenes, Total	40.0	41.4		ug/L		104	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*70 - 130*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*

QC Association Summary

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

TestAmerica Job ID: 680-131882-1

GC/MS VOA

Analysis Batch: 458071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-131882-1	RFW-20	Total/NA	Water	524.2	
680-131882-2	RFW-21	Total/NA	Water	524.2	
680-131882-3	HAMP-22	Total/NA	Water	524.2	
680-131882-4	HAMP-23	Total/NA	Water	524.2	
680-131882-5	Trip Blank	Total/NA	Water	524.2	
MB 680-458071/9	Method Blank	Total/NA	Water	524.2	
LCS 680-458071/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-458071/4	Lab Control Sample Dup	Total/NA	Water	524.2	

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Lab Chronicle

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

TestAmerica Job ID: 680-131882-1

Client Sample ID: RFW-20

Date Collected: 11/04/16 09:00
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	458071	11/17/16 00:57	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: RFW-21

Date Collected: 11/04/16 08:15
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	458071	11/17/16 01:19	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-22

Date Collected: 11/07/16 09:40
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	458071	11/17/16 01:42	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-23

Date Collected: 11/07/16 09:40
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	458071	11/17/16 02:04	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: Trip Blank

Date Collected: 11/04/16 09:00
Date Received: 11/08/16 09:24

Lab Sample ID: 680-131882-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	458071	11/16/16 21:33	DAS	TAL SAV
	Instrument ID: CMSS									

Laboratory References:

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

Serial Number 102406

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone
Fax

PROJECT REFERENCE	PROJECT NO	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS	PAGE
02501.004.005.0001					1 of 1
TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.			STANDARD REPORT DELIVERY ✓
CLIENT (SITE) PM Greg Flaisnik / Kris Sammel	CLIENT PHONE 610 721 0583	CLIENT FAX			DATE DUE
CLIENT NAME Western Solutions / Black + Decker	CLIENT E-MAIL Greg.Flaisnik@WesternSolutions.com				EXPEDITED REPORT DELIVERY (SURCHARGE) ○
CLIENT ADDRESS					DATE DUE
COMPANY CONTRACTING THIS WORK (if applicable) Western Solutions					NUMBER OF COOLERS SUBMITTED PER SHIPMENT

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11/4/16	900	RFW-20						✓	
11/4/16	815	RFW-21						✓	
11/7/16	940	HAMP-22						✓	
11/7/16	940	HAMP-23						✓	
11/4/16	900	Trip Blank						✓	

5 2 4 2 / V O C / HCl

680-131882 Chain of Custody

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY (SIGNATURE)	DATE	TIME
	11/7/16	1600						
RECEIVED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO	SAVANNAH LOG NO	LABORATORY REMARKS
V-Sachson	11-8-16	9:24	YES ○ NO ○			1.0 / 1.2

TAL8240-680 (1008)

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-131882-1

Login Number: 131882
List Number: 1
Creator: Jackson, Victor L

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.	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	

Certification Summary

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

TestAmerica Job ID: 680-131882-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Maryland	State Program	3	250	12-31-16

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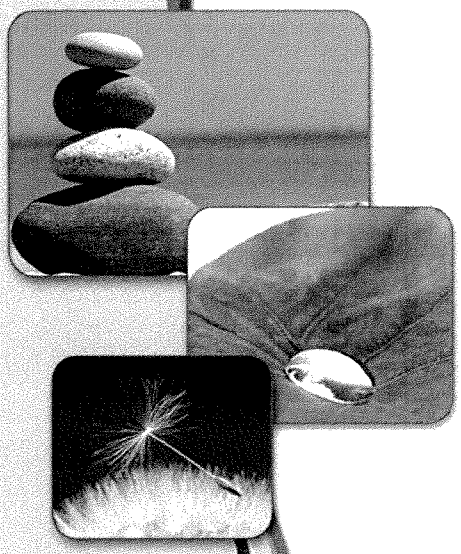
TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

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

TestAmerica Job ID: 500-119745-1
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:
11/15/2016 2:47:26 PM

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

Table of Contents

Case Narrative

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

TestAmerica Job ID: 500-119745-1

Job ID: 500-119745-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-119745-1

Comments
No additional comments.

Receipt
The samples were received on 11/8/2016 10:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.5° C.
The following sample was received but not listed on the chain of custody: 500-119745-26 (RFW-17) . The sample was added to the chain by TestAmerica personnel and logged in for analysis.

GC/MS VOA
Method(s) 8260B: The following analyte(s) recovered outside control limits for the LCS associated with batch 359887:
2,2-Dichloropropane. 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: 500-119745-1

Client Sample ID: EW-2 — Lab Sample ID: 500-119745-1

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
Trichloroethene	95		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	49		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-3 — Lab Sample ID: 500-119745-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	30		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.4		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4 — Lab Sample ID: 500-119745-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene - DL	500		5.0	1.6	ug/L	10		8260B	Total/NA

Client Sample ID: EW-5 — Lab Sample ID: 500-119745-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	100		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-6 — Lab Sample ID: 500-119745-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	6.1		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-7 — Lab Sample ID: 500-119745-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.52	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.0		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	4.9		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8 — Lab Sample ID: 500-119745-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.66	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	20		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	6.3		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	63		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 — Lab Sample ID: 500-119745-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.64		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	100		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: 500-119745-1

Client Sample ID: EW-10 — Lab Sample ID: 500-119745-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.9		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 DUP — Lab Sample ID: 500-119745-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.60		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	96		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-119745-11

No Detections.

Client Sample ID: RFW-1A — Lab Sample ID: 500-119745-12

No Detections.

Client Sample ID: RFW-1B — Lab Sample ID: 500-119745-13

No Detections.

Client Sample ID: RFW-2A — Lab Sample ID: 500-119745-14

No Detections.

Client Sample ID: RFW-2B — Lab Sample ID: 500-119745-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.62		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-3B — Lab Sample ID: 500-119745-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.93	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A — Lab Sample ID: 500-119745-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.74	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	0.65	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	29		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	13		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A DUP — Lab Sample ID: 500-119745-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.89	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	0.68	J	1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	31		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-4B — Lab Sample ID: 500-119745-19

This Detection Summary does not include radiochemical test results.

Client Sample ID: RFW-4B (Continued)

Lab Sample ID: 500-119745-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.2		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	47		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: RFW-6

Lab Sample ID: 500-119745-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.74	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.3		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.6		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-7

Lab Sample ID: 500-119745-21

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

Client Sample ID: RFW-9

Lab Sample ID: 500-119745-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	8.1		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.4		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-11B

Lab Sample ID: 500-119745-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.4		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-12B

Lab Sample ID: 500-119745-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.97	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	62		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.7		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-13

Lab Sample ID: 500-119745-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.8		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	17		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-17

Lab Sample ID: 500-119745-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1		0.50	0.15	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: 500-119745-1

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: 500-119745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-119745-1	EW-2	Water	11/07/16 13:00	11/08/16 10:25
500-119745-2	EW-3	Water	11/07/16 10:05	11/08/16 10:25
500-119745-3	EW-4	Water	11/07/16 09:55	11/08/16 10:25
500-119745-4	EW-5	Water	11/07/16 09:20	11/08/16 10:25
500-119745-5	EW-6	Water	11/07/16 11:00	11/08/16 10:25
500-119745-6	EW-7	Water	11/07/16 11:10	11/08/16 10:25
500-119745-7	EW-8	Water	11/07/16 11:15	11/08/16 10:25
500-119745-8	EW-9	Water	11/07/16 11:30	11/08/16 10:25
500-119745-9	EW-10	Water	11/07/16 11:40	11/08/16 10:25
500-119745-10	EW-9 DUP	Water	11/07/16 11:30	11/08/16 10:25
500-119745-11	Trip Blank	Water	11/04/16 07:00	11/08/16 10:25
500-119745-12	RFW-1A	Water	11/04/16 11:00	11/08/16 10:25
500-119745-13	RFW-1B	Water	11/04/16 17:30	11/08/16 10:25
500-119745-14	RFW-2A	Water	11/04/16 10:05	11/08/16 10:25
500-119745-15	RFW-2B	Water	11/04/16 09:55	11/08/16 10:25
500-119745-16	RFW-3B	Water	11/04/16 14:05	11/08/16 10:25
500-119745-17	RFW-4A	Water	11/07/16 08:30	11/08/16 10:25
500-119745-18	RFW-4A DUP	Water	11/07/16 08:30	11/08/16 10:25
500-119745-19	RFW-4B	Water	11/07/16 08:25	11/08/16 10:25
500-119745-20	RFW-6	Water	11/04/16 15:10	11/08/16 10:25
500-119745-21	RFW-7	Water	11/04/16 11:55	11/08/16 10:25
500-119745-22	RFW-9	Water	11/04/16 16:20	11/08/16 10:25
500-119745-23	RFW-11B	Water	11/07/16 10:50	11/08/16 10:25
500-119745-24	RFW-12B	Water	11/07/16 12:45	11/08/16 10:25
500-119745-25	RFW-13	Water	11/04/16 17:15	11/08/16 10:25
500-119745-26	RFW-17	Water	11/04/16 13:00	11/08/16 10:25

Client Sample ID: EW-2

Date Collected: 11/07/16 13:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-1

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			11/09/16 13:28	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 13:28	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 13:28	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 13:28	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 13:28	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 13:28	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 13:28	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 13:28	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 13:28	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 13:28	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 13:28	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 13:28	1
2,2-Dichloropropane	<1.0	*	1.0	0.44	ug/L			11/09/16 13:28	1
cis-1,2-Dichloroethene	**3.5**		1.0	0.41	ug/L			11/09/16 13:28	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 13:28	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 13:28	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 13:28	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 13:28	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 13:28	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 13:28	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
Trichloroethene	**95**		0.50	0.16	ug/L			11/09/16 13:28	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 13:28	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 13:28	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 13:28	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 13:28	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 13:28	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 13:28	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 13:28	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 13:28	1
Tetrachloroethene	**49**		1.0	0.37	ug/L			11/09/16 13:28	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 13:28	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 13:28	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 13:28	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 13:28	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 13:28	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 13:28	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 13:28	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 13:28	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 13:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 13:28	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 13:28	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 13:28	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/09/16 13:28	1

Client Sample ID: EW-2

Date Collected: 11/07/16 13:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-1

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			11/09/16 13:28	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 13:28	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 13:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 13:28	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 13:28	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 13:28	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 13:28	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 13:28	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 13:28	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 13:28	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 13:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 13:28	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 13:28	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 13:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*71 - 127*		*11/09/16 13:28*	*1*
Toluene-d8 (Surr)	*109*		*75 - 120*		*11/09/16 13:28*	*1*
4-Bromofluorobenzene (Surr)	*119*		*71 - 120*		*11/09/16 13:28*	*1*
Dibromofluoromethane	*99*		*70 - 120*		*11/09/16 13:28*	*1*

Client Sample ID: EW-3

Date Collected: 11/07/16 10:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-2

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			11/10/16 13:39	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 13:39	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 13:39	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 13:39	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 13:39	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 13:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 13:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 13:39	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 13:39	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 13:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 13:39	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 13:39	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 13:39	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.41	ug/L			11/10/16 13:39	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 13:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 13:39	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 13:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 13:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 13:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 13:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
Trichloroethene	**30**		0.50	0.16	ug/L			11/10/16 13:39	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 13:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 13:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 13:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 13:39	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 13:39	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 13:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 13:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 13:39	1
Tetrachloroethene	**1.4**		1.0	0.37	ug/L			11/10/16 13:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 13:39	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 13:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 13:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 13:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 13:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 13:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 13:39	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 13:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 13:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 13:39	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 13:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 13:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 13:39	1

Client Sample ID: EW-3

Date Collected: 11/07/16 10:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-2

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			11/10/16 13:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 13:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 13:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 13:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 13:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 13:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 13:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 13:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 13:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 13:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 13:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 13:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 13:39	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 13:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*71 - 127*		*11/10/16 13:39*	*1*
Toluene-d8 (Surr)	*84*		*75 - 120*		*11/10/16 13:39*	*1*
4-Bromofluorobenzene (Surr)	*85*		*71 - 120*		*11/10/16 13:39*	*1*
Dibromofluoromethane	*107*		*70 - 120*		*11/10/16 13:39*	*1*

Client Sample ID: EW-4

Date Collected: 11/07/16 09:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-3

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			11/10/16 14:07	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 14:07	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 14:07	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 14:07	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 14:07	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 14:07	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 14:07	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 14:07	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 14:07	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 14:07	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 14:07	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 14:07	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 14:07	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 14:07	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 14:07	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 14:07	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 14:07	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 14:07	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 14:07	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 14:07	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 14:07	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 14:07	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 14:07	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 14:07	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 14:07	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 14:07	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 14:07	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 14:07	1
Tetrachloroethene	**12**		1.0	0.37	ug/L			11/10/16 14:07	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 14:07	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 14:07	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 14:07	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 14:07	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 14:07	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 14:07	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 14:07	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 14:07	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 14:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 14:07	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 14:07	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 14:07	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 14:07	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/10/16 14:07	1

Client Sample ID: EW-4

Date Collected: 11/07/16 09:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-3

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 14:07	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 14:07	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 14:07	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 14:07	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 14:07	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 14:07	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 14:07	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 14:07	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 14:07	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 14:07	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 14:07	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 14:07	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 14:07	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*71 - 127*		*11/10/16 14:07*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 14:07*	*1*
4-Bromofluorobenzene (Surr)	*84*		*71 - 120*		*11/10/16 14:07*	*1*
Dibromofluoromethane	*110*		*70 - 120*		*11/10/16 14:07*	*1*

Method: 8260B - VOC - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	500		5.0	1.6	ug/L			11/10/16 14:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 127*		*11/10/16 14:35*	*10*
Toluene-d8 (Surr)	*84*		*75 - 120*		*11/10/16 14:35*	*10*
4-Bromofluorobenzene (Surr)	*84*		*71 - 120*		*11/10/16 14:35*	*10*
Dibromofluoromethane	*109*		*70 - 120*		*11/10/16 14:35*	*10*

Client Sample ID: EW-5

Date Collected: 11/07/16 09:20
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-4

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			11/09/16 14:21	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 14:21	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 14:21	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 14:21	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 14:21	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 14:21	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 14:21	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 14:21	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 14:21	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 14:21	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 14:21	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 14:21	1
2,2-Dichloropropane	<1.0	*	1.0	0.44	ug/L			11/09/16 14:21	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/09/16 14:21	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 14:21	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 14:21	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 14:21	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 14:21	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 14:21	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 14:21	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
Trichloroethene	**100**		0.50	0.16	ug/L			11/09/16 14:21	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 14:21	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 14:21	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 14:21	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 14:21	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 14:21	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 14:21	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 14:21	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 14:21	1
Tetrachloroethene	**3.3**		1.0	0.37	ug/L			11/09/16 14:21	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 14:21	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 14:21	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 14:21	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 14:21	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 14:21	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 14:21	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 14:21	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 14:21	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 14:21	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 14:21	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 14:21	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 14:21	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/09/16 14:21	1

Client Sample ID: EW-5

Date Collected: 11/07/16 09:20
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-4

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			11/09/16 14:21	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 14:21	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 14:21	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 14:21	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 14:21	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 14:21	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 14:21	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 14:21	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 14:21	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 14:21	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 14:21	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 14:21	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 14:21	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 14:21	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 127*		*11/09/16 14:21*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*11/09/16 14:21*	*1*
4-Bromofluorobenzene (Surr)	*120*		*71 - 120*		*11/09/16 14:21*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*11/09/16 14:21*	*1*

Client Sample ID: EW-6

Date Collected: 11/07/16 11:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-5

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			11/10/16 15:02	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 15:02	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 15:02	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 15:02	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 15:02	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 15:02	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 15:02	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 15:02	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 15:02	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 15:02	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 15:02	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 15:02	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 15:02	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 15:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 15:02	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 15:02	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 15:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 15:02	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 15:02	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 15:02	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
Trichloroethene	**6.1**		0.50	0.16	ug/L			11/10/16 15:02	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 15:02	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 15:02	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 15:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 15:02	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 15:02	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 15:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 15:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 15:02	1
Tetrachloroethene	**11**		1.0	0.37	ug/L			11/10/16 15:02	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 15:02	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 15:02	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 15:02	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 15:02	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 15:02	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 15:02	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 15:02	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 15:02	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 15:02	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 15:02	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 15:02	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 15:02	1

Client Sample ID: EW-6

Date Collected: 11/07/16 11:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-5

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			11/10/16 15:02	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 15:02	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:02	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:02	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:02	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 15:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:02	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 15:02	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 15:02	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 15:02	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 15:02	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 15:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 127*		*11/10/16 15:02*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 15:02*	*1*
4-Bromofluorobenzene (Surr)	*83*		*71 - 120*		*11/10/16 15:02*	*1*
Dibromofluoromethane	*109*		*70 - 120*		*11/10/16 15:02*	*1*

Client Sample ID: EW-7

Date Collected: 11/07/16 11:10
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-6

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			11/10/16 15:30	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 15:30	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 15:30	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 15:30	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 15:30	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 15:30	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 15:30	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 15:30	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 15:30	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 15:30	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 15:30	1
1,1-Dichloroethane	**0.52**	**J**	1.0	0.41	ug/L			11/10/16 15:30	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 15:30	1
cis-1,2-Dichloroethene	**6.0**		1.0	0.41	ug/L			11/10/16 15:30	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 15:30	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 15:30	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 15:30	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 15:30	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 15:30	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 15:30	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
Trichloroethene	**4.9**		0.50	0.16	ug/L			11/10/16 15:30	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 15:30	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 15:30	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 15:30	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 15:30	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 15:30	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 15:30	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 15:30	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 15:30	1
Tetrachloroethene	**13**		1.0	0.37	ug/L			11/10/16 15:30	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 15:30	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 15:30	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 15:30	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 15:30	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 15:30	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 15:30	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 15:30	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 15:30	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:30	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 15:30	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 15:30	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 15:30	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 15:30	1

Client Sample ID: EW-7

Date Collected: 11/07/16 11:10
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-6

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			11/10/16 15:30	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 15:30	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:30	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:30	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:30	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:30	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 15:30	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:30	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:30	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 15:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 15:30	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 15:30	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 15:30	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 15:30	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 127*		*11/10/16 15:30*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 15:30*	*1*
4-Bromofluorobenzene (Surr)	*85*		*71 - 120*		*11/10/16 15:30*	*1*
Dibromofluoromethane	*109*		*70 - 120*		*11/10/16 15:30*	*1*

Client Sample ID: EW-8

Date Collected: 11/07/16 11:15
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-7

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			11/10/16 15:58	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 15:58	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 15:58	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 15:58	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 15:58	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 15:58	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 15:58	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 15:58	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 15:58	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 15:58	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 15:58	1
1,1-Dichloroethane	**0.66**	J	1.0	0.41	ug/L			11/10/16 15:58	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 15:58	1
cis-1,2-Dichloroethene	**20**		1.0	0.41	ug/L			11/10/16 15:58	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 15:58	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 15:58	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 15:58	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 15:58	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 15:58	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 15:58	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
Trichloroethene	**6.3**		0.50	0.16	ug/L			11/10/16 15:58	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 15:58	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 15:58	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 15:58	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 15:58	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 15:58	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 15:58	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 15:58	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 15:58	1
Tetrachloroethene	**63**		1.0	0.37	ug/L			11/10/16 15:58	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 15:58	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 15:58	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 15:58	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 15:58	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 15:58	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 15:58	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 15:58	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 15:58	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:58	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 15:58	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 15:58	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 15:58	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 15:58	1

Client Sample ID: EW-8

Date Collected: 11/07/16 11:15
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-7

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			11/10/16 15:58	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 15:58	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:58	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:58	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:58	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 15:58	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 15:58	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 15:58	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 15:58	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 15:58	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 15:58	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 15:58	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 15:58	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 15:58	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 127*		*11/10/16 15:58*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 15:58*	*1*
4-Bromofluorobenzene (Surr)	*85*		*71 - 120*		*11/10/16 15:58*	*1*
Dibromofluoromethane	*110*		*70 - 120*		*11/10/16 15:58*	*1*

Client Sample ID: EW-9

Date Collected: 11/07/16 11:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-8

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			11/10/16 16:26	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 16:26	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 16:26	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 16:26	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 16:26	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 16:26	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 16:26	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 16:26	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 16:26	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 16:26	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 16:26	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 16:26	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 16:26	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 16:26	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 16:26	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 16:26	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 16:26	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 16:26	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 16:26	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 16:26	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
Trichloroethene	**0.64**		0.50	0.16	ug/L			11/10/16 16:26	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 16:26	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 16:26	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 16:26	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 16:26	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 16:26	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 16:26	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 16:26	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 16:26	1
Tetrachloroethene	**100**		1.0	0.37	ug/L			11/10/16 16:26	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 16:26	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 16:26	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 16:26	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 16:26	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 16:26	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 16:26	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 16:26	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 16:26	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 16:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 16:26	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 16:26	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 16:26	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 16:26	1

Client Sample Results

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

TestAmerica Job ID: 500-119745-1

Client Sample ID: EW-9
Date Collected: 11/07/16 11:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-8
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			11/10/16 16:26	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 16:26	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 16:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 16:26	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 16:26	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 16:26	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 16:26	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 16:26	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 16:26	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 16:26	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 16:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 16:26	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 16:26	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 16:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 127*		*11/10/16 16:26*	*1*
Toluene-d8 (Surr)	*82*		*75 - 120*		*11/10/16 16:26*	*1*
4-Bromofluorobenzene (Surr)	*83*		*71 - 120*		*11/10/16 16:26*	*1*
Dibromofluoromethane	*109*		*70 - 120*		*11/10/16 16:26*	*1*

Client Sample ID: EW-10

Date Collected: 11/07/16 11:40
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-9

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			11/10/16 16:54	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 16:54	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 16:54	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 16:54	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 16:54	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 16:54	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 16:54	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 16:54	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 16:54	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 16:54	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 16:54	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 16:54	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 16:54	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 16:54	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 16:54	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 16:54	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 16:54	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 16:54	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 16:54	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 16:54	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/10/16 16:54	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 16:54	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 16:54	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 16:54	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 16:54	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 16:54	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 16:54	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 16:54	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 16:54	1
Tetrachloroethene	**2.9**		1.0	0.37	ug/L			11/10/16 16:54	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 16:54	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 16:54	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 16:54	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 16:54	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 16:54	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 16:54	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 16:54	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 16:54	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 16:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 16:54	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 16:54	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 16:54	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 16:54	1

Client Sample ID: EW-10

Date Collected: 11/07/16 11:40
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-9

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/10/16 16:54	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 16:54	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 16:54	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 16:54	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 16:54	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 16:54	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 16:54	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 16:54	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 16:54	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 16:54	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 16:54	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 16:54	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 16:54	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 16:54	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 127*		*11/10/16 16:54*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 16:54*	*1*
4-Bromofluorobenzene (Surr)	*86*		*71 - 120*		*11/10/16 16:54*	*1*
Dibromofluoromethane	*110*		*70 - 120*		*11/10/16 16:54*	*1*

Client Sample ID: EW-9 DUP

Date Collected: 11/07/16 11:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-10

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			11/10/16 17:21	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 17:21	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 17:21	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 17:21	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 17:21	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 17:21	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 17:21	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 17:21	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 17:21	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 17:21	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 17:21	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 17:21	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 17:21	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 17:21	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 17:21	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 17:21	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 17:21	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 17:21	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 17:21	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 17:21	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
Trichloroethene	**0.60**		0.50	0.16	ug/L			11/10/16 17:21	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 17:21	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 17:21	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 17:21	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 17:21	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 17:21	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 17:21	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 17:21	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 17:21	1
Tetrachloroethene	**96**		1.0	0.37	ug/L			11/10/16 17:21	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 17:21	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 17:21	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 17:21	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 17:21	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 17:21	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 17:21	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 17:21	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 17:21	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 17:21	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 17:21	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 17:21	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 17:21	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 17:21	1

Client Sample ID: EW-9 DUP

Date Collected: 11/07/16 11:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-10

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			11/10/16 17:21	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 17:21	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 17:21	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 17:21	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 17:21	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 17:21	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 17:21	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 17:21	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 17:21	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 17:21	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 17:21	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 17:21	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 17:21	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 17:21	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 127*		*11/10/16 17:21*	*1*
Toluene-d8 (Surr)	*82*		*75 - 120*		*11/10/16 17:21*	*1*
4-Bromofluorobenzene (Surr)	*85*		*71 - 120*		*11/10/16 17:21*	*1*
Dibromofluoromethane	*110*		*70 - 120*		*11/10/16 17:21*	*1*

Client Sample ID: Trip Blank

Date Collected: 11/04/16 07:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-11

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			11/09/16 13:02	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 13:02	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 13:02	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 13:02	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 13:02	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 13:02	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 13:02	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 13:02	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 13:02	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 13:02	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 13:02	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 13:02	1
2,2-Dichloropropane	<1.0	*	1.0	0.44	ug/L			11/09/16 13:02	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/09/16 13:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 13:02	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 13:02	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 13:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 13:02	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 13:02	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 13:02	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/09/16 13:02	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 13:02	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 13:02	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 13:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 13:02	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 13:02	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 13:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 13:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 13:02	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/09/16 13:02	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 13:02	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 13:02	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 13:02	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 13:02	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 13:02	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 13:02	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 13:02	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 13:02	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 13:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 13:02	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 13:02	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 13:02	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/09/16 13:02	1

Client Sample ID: Trip Blank

Date Collected: 11/04/16 07:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-11

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			11/09/16 13:02	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 13:02	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 13:02	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 13:02	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 13:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 13:02	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 13:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 13:02	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 13:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 13:02	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 13:02	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 13:02	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 13:02	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 13:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 127*		*11/09/16 13:02*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*11/09/16 13:02*	*1*
4-Bromofluorobenzene (Surr)	*115*		*71 - 120*		*11/09/16 13:02*	*1*
Dibromofluoromethane	*100*		*70 - 120*		*11/09/16 13:02*	*1*

Client Sample ID: RFW-1A

Date Collected: 11/04/16 11:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-12

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			11/09/16 17:24	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 17:24	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 17:24	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 17:24	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 17:24	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 17:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 17:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 17:24	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 17:24	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 17:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 17:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 17:24	1
2,2-Dichloropropane	<1.0	*	1.0	0.44	ug/L			11/09/16 17:24	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/09/16 17:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 17:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 17:24	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 17:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 17:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 17:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 17:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/09/16 17:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 17:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 17:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 17:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 17:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 17:24	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 17:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 17:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 17:24	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/09/16 17:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 17:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 17:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 17:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 17:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 17:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 17:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 17:24	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 17:24	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 17:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 17:24	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 17:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 17:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/09/16 17:24	1

Client Sample ID: RFW-1A

Date Collected: 11/04/16 11:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-12

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			11/09/16 17:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 17:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 17:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 17:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 17:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 17:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 17:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 17:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 17:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 17:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 17:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 17:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 17:24	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 17:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 127*		*11/09/16 17:24*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*11/09/16 17:24*	*1*
4-Bromofluorobenzene (Surr)	*119*		*71 - 120*		*11/09/16 17:24*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*11/09/16 17:24*	*1*

Client Sample ID: RFW-1B

Date Collected: 11/04/16 17:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-13

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			11/10/16 17:49	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 17:49	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 17:49	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 17:49	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 17:49	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 17:49	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 17:49	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 17:49	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 17:49	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 17:49	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 17:49	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 17:49	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 17:49	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 17:49	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 17:49	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 17:49	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 17:49	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 17:49	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 17:49	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 17:49	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/10/16 17:49	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 17:49	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 17:49	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 17:49	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 17:49	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 17:49	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 17:49	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 17:49	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 17:49	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/10/16 17:49	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 17:49	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 17:49	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 17:49	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 17:49	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 17:49	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 17:49	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 17:49	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 17:49	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 17:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 17:49	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 17:49	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 17:49	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 17:49	1

Client Sample ID: RFW-1B

Date Collected: 11/04/16 17:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-13

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			11/10/16 17:49	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 17:49	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 17:49	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 17:49	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 17:49	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 17:49	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 17:49	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 17:49	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 17:49	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 17:49	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 17:49	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 17:49	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 17:49	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 17:49	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 127*		*11/10/16 17:49*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 17:49*	*1*
4-Bromofluorobenzene (Surr)	*85*		*71 - 120*		*11/10/16 17:49*	*1*
Dibromofluoromethane	*110*		*70 - 120*		*11/10/16 17:49*	*1*

Client Sample ID: RFW-2A

Date Collected: 11/04/16 10:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-14

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			11/09/16 18:18	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 18:18	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 18:18	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 18:18	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 18:18	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 18:18	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 18:18	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 18:18	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 18:18	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 18:18	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 18:18	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 18:18	1
2,2-Dichloropropane	<1.0	*	1.0	0.44	ug/L			11/09/16 18:18	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/09/16 18:18	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 18:18	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 18:18	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 18:18	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 18:18	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 18:18	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 18:18	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/09/16 18:18	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 18:18	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 18:18	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 18:18	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 18:18	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 18:18	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 18:18	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 18:18	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 18:18	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/09/16 18:18	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 18:18	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 18:18	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 18:18	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 18:18	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 18:18	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 18:18	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 18:18	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 18:18	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 18:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 18:18	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 18:18	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 18:18	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/09/16 18:18	1

Client Sample ID: RFW-2A

Date Collected: 11/04/16 10:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-14

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			11/09/16 18:18	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 18:18	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 18:18	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 18:18	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 18:18	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 18:18	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 18:18	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 18:18	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 18:18	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 18:18	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 18:18	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 18:18	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 18:18	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 18:18	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*71 - 127*		*11/09/16 18:18*	*1*
Toluene-d8 (Surr)	*110*		*75 - 120*		*11/09/16 18:18*	*1*
4-Bromofluorobenzene (Surr)	*120*		*71 - 120*		*11/09/16 18:18*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*11/09/16 18:18*	*1*

Client Sample ID: RFW-2B

Date Collected: 11/04/16 09:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-15

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			11/09/16 18:45	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 18:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 18:45	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 18:45	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 18:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 18:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 18:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 18:45	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 18:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 18:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 18:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 18:45	1
2,2-Dichloropropane	<1.0	*	1.0	0.44	ug/L			11/09/16 18:45	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/09/16 18:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 18:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 18:45	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 18:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 18:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 18:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 18:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
Trichloroethene	**0.62**		0.50	0.16	ug/L			11/09/16 18:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 18:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 18:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 18:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 18:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 18:45	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 18:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 18:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 18:45	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/09/16 18:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 18:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 18:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 18:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 18:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 18:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 18:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 18:45	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 18:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 18:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 18:45	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 18:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 18:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/09/16 18:45	1

Client Sample ID: RFW-2B

Date Collected: 11/04/16 09:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-15

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			11/09/16 18:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 18:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 18:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 18:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 18:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 18:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 18:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 18:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 18:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 18:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 18:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 18:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 18:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 18:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 127*		*11/09/16 18:45*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*11/09/16 18:45*	*1*
4-Bromofluorobenzene (Surr)	*120*		*71 - 120*		*11/09/16 18:45*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*11/09/16 18:45*	*1*

Client Sample ID: RFW-3B

Date Collected: 11/04/16 14:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-16

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			11/10/16 18:17	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 18:17	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 18:17	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 18:17	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 18:17	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 18:17	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 18:17	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 18:17	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 18:17	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 18:17	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 18:17	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 18:17	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 18:17	1
cis-1,2-Dichloroethene	**0.93**	**J**	1.0	0.41	ug/L			11/10/16 18:17	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 18:17	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 18:17	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 18:17	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 18:17	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 18:17	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 18:17	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/10/16 18:17	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 18:17	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 18:17	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 18:17	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 18:17	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 18:17	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 18:17	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 18:17	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 18:17	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/10/16 18:17	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 18:17	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 18:17	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 18:17	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 18:17	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 18:17	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 18:17	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 18:17	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 18:17	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 18:17	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 18:17	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 18:17	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 18:17	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 18:17	1

Client Sample ID: RFW-3B

Date Collected: 11/04/16 14:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-16

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			11/10/16 18:17	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 18:17	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 18:17	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 18:17	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 18:17	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 18:17	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 18:17	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 18:17	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 18:17	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 18:17	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 18:17	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 18:17	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 18:17	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 18:17	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*71 - 127*		*11/10/16 18:17*	*1*
Toluene-d8 (Surr)	*83*		*75 - 120*		*11/10/16 18:17*	*1*
4-Bromofluorobenzene (Surr)	*84*		*71 - 120*		*11/10/16 18:17*	*1*
Dibromofluoromethane	*108*		*70 - 120*		*11/10/16 18:17*	*1*

Client Sample ID: RFW-4A

Date Collected: 11/07/16 08:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-17

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			11/10/16 18:45	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 18:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 18:45	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 18:45	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 18:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 18:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 18:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 18:45	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 18:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 18:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 18:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 18:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 18:45	1
cis-1,2-Dichloroethene	**0.74**	**J**	1.0	0.41	ug/L			11/10/16 18:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 18:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 18:45	1
Chloroform	**0.65**	**J**	1.0	0.37	ug/L			11/10/16 18:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 18:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 18:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 18:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
Trichloroethene	**29**		0.50	0.16	ug/L			11/10/16 18:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 18:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 18:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 18:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 18:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 18:45	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 18:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 18:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 18:45	1
Tetrachloroethene	**13**		1.0	0.37	ug/L			11/10/16 18:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 18:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 18:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 18:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 18:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 18:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 18:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 18:45	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 18:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 18:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 18:45	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 18:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 18:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 18:45	1

Client Sample ID: RFW-4A

Date Collected: 11/07/16 08:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-17

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			11/10/16 18:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 18:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 18:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 18:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 18:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 18:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 18:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 18:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 18:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 18:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 18:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 18:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 18:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 18:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 127*		*11/10/16 18:45*	*1*
Toluene-d8 (Surr)	*84*		*75 - 120*		*11/10/16 18:45*	*1*
4-Bromofluorobenzene (Surr)	*90*		*71 - 120*		*11/10/16 18:45*	*1*
Dibromofluoromethane	*109*		*70 - 120*		*11/10/16 18:45*	*1*

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-119745-18

Date Collected: 11/07/16 08:30
Date Received: 11/08/16 10:25

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			11/10/16 19:12	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 19:12	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 19:12	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 19:12	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 19:12	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 19:12	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 19:12	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 19:12	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 19:12	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 19:12	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 19:12	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 19:12	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 19:12	1
cis-1,2-Dichloroethene	**0.89**	**J**	1.0	0.41	ug/L			11/10/16 19:12	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 19:12	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 19:12	1
Chloroform	**0.68**	**J**	1.0	0.37	ug/L			11/10/16 19:12	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 19:12	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 19:12	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 19:12	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
Trichloroethene	**31**		0.50	0.16	ug/L			11/10/16 19:12	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 19:12	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 19:12	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 19:12	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 19:12	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 19:12	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 19:12	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 19:12	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 19:12	1
Tetrachloroethene	**14**		1.0	0.37	ug/L			11/10/16 19:12	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 19:12	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 19:12	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 19:12	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 19:12	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 19:12	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 19:12	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 19:12	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 19:12	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 19:12	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 19:12	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 19:12	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 19:12	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 19:12	1

Client Sample ID: RFW-4A DUP

Date Collected: 11/07/16 08:30
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-18

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			11/10/16 19:12	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 19:12	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 19:12	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 19:12	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 19:12	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 19:12	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 19:12	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 19:12	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 19:12	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 19:12	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 19:12	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 19:12	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 19:12	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 19:12	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 127*		*11/10/16 19:12*	*1*
Toluene-d8 (Surr)	*84*		*75 - 120*		*11/10/16 19:12*	*1*
4-Bromofluorobenzene (Surr)	*87*		*71 - 120*		*11/10/16 19:12*	*1*
Dibromofluoromethane	*109*		*70 - 120*		*11/10/16 19:12*	*1*

Client Sample ID: RFW-4B

Date Collected: 11/07/16 08:25
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-19

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			11/11/16 15:24	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 15:24	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 15:24	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 15:24	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 15:24	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 15:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 15:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 15:24	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 15:24	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 15:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 15:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 15:24	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 15:24	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.41	ug/L			11/11/16 15:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 15:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 15:24	1
Chloroform	**1.2**		1.0	0.37	ug/L			11/11/16 15:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 15:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 15:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 15:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
Trichloroethene	**47**		0.50	0.16	ug/L			11/11/16 15:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 15:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 15:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 15:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 15:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 15:24	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 15:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 15:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 15:24	1
Tetrachloroethene	**66**		1.0	0.37	ug/L			11/11/16 15:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 15:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 15:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 15:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 15:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 15:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 15:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 15:24	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 15:24	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 15:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 15:24	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 15:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 15:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 15:24	1

Client Sample ID: RFW-4B

Date Collected: 11/07/16 08:25
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-19

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			11/11/16 15:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 15:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 15:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 15:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 15:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 15:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 15:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 15:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 15:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 15:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 15:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 15:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 15:24	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 15:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*11/11/16 15:24*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*11/11/16 15:24*	*1*
4-Bromofluorobenzene (Surr)	*100*		*71 - 120*		*11/11/16 15:24*	*1*
Dibromofluoromethane	*99*		*70 - 120*		*11/11/16 15:24*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-119745-1

Client Sample ID: RFW-6

Date Collected: 11/04/16 15:10
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-20

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			11/11/16 15:51	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 15:51	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 15:51	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 15:51	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 15:51	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 15:51	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 15:51	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 15:51	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 15:51	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 15:51	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 15:51	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 15:51	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 15:51	1
cis-1,2-Dichloroethene	**0.74**	J	1.0	0.41	ug/L			11/11/16 15:51	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 15:51	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 15:51	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 15:51	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 15:51	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 15:51	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 15:51	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
Trichloroethene	**1.3**		0.50	0.16	ug/L			11/11/16 15:51	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 15:51	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 15:51	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 15:51	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 15:51	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 15:51	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 15:51	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 15:51	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 15:51	1
Tetrachloroethene	**1.6**		1.0	0.37	ug/L			11/11/16 15:51	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 15:51	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 15:51	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 15:51	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 15:51	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 15:51	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 15:51	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 15:51	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 15:51	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 15:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 15:51	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 15:51	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 15:51	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 15:51	1

Client Sample ID: RFW-6

Date Collected: 11/04/16 15:10
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-20

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			11/11/16 15:51	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 15:51	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 15:51	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 15:51	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 15:51	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 15:51	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 15:51	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 15:51	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 15:51	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 15:51	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 15:51	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 15:51	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 15:51	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 15:51	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*11/11/16 15:51*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*11/11/16 15:51*	*1*
4-Bromofluorobenzene (Surr)	*98*		*71 - 120*		*11/11/16 15:51*	*1*
Dibromofluoromethane	*100*		*70 - 120*		*11/11/16 15:51*	*1*

Client Sample ID: RFW-7

Date Collected: 11/04/16 11:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-21

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/11/16 16:17	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 16:17	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 16:17	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 16:17	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 16:17	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 16:17	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 16:17	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 16:17	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 16:17	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 16:17	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 16:17	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 16:17	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 16:17	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/11/16 16:17	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 16:17	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 16:17	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 16:17	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 16:17	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 16:17	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 16:17	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
Trichloroethene	**1.7**		0.50	0.16	ug/L			11/11/16 16:17	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 16:17	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 16:17	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 16:17	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 16:17	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 16:17	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 16:17	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 16:17	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 16:17	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/11/16 16:17	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 16:17	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 16:17	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 16:17	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 16:17	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 16:17	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 16:17	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 16:17	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 16:17	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 16:17	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 16:17	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 16:17	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 16:17	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 16:17	1

Client Sample ID: RFW-7

Date Collected: 11/04/16 11:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-21

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/11/16 16:17	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 16:17	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 16:17	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 16:17	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 16:17	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 16:17	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 16:17	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 16:17	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 16:17	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 16:17	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 16:17	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 16:17	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 16:17	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 16:17	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 127*		*11/11/16 16:17*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*11/11/16 16:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*71 - 120*		*11/11/16 16:17*	*1*
Dibromofluoromethane	*98*		*70 - 120*		*11/11/16 16:17*	*1*

Client Sample ID: RFW-9

Date Collected: 11/04/16 16:20
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-22

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			11/11/16 16:44	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 16:44	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 16:44	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 16:44	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 16:44	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 16:44	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 16:44	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 16:44	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 16:44	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 16:44	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 16:44	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 16:44	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 16:44	1
cis-1,2-Dichloroethene	**12**		1.0	0.41	ug/L			11/11/16 16:44	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 16:44	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 16:44	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 16:44	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 16:44	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 16:44	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 16:44	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
Trichloroethene	**8.1**		0.50	0.16	ug/L			11/11/16 16:44	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 16:44	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 16:44	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 16:44	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 16:44	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 16:44	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 16:44	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 16:44	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 16:44	1
Tetrachloroethene	**3.4**		1.0	0.37	ug/L			11/11/16 16:44	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 16:44	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 16:44	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 16:44	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 16:44	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 16:44	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 16:44	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 16:44	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 16:44	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 16:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 16:44	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 16:44	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 16:44	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 16:44	1

Client Sample ID: RFW-9

Date Collected: 11/04/16 16:20
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-22

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			11/11/16 16:44	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 16:44	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 16:44	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 16:44	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 16:44	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 16:44	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 16:44	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 16:44	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 16:44	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 16:44	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 16:44	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 16:44	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 16:44	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 16:44	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*11/11/16 16:44*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*11/11/16 16:44*	*1*
4-Bromofluorobenzene (Surr)	*100*		*71 - 120*		*11/11/16 16:44*	*1*
Dibromofluoromethane	*100*		*70 - 120*		*11/11/16 16:44*	*1*

Client Sample ID: RFW-11B

Date Collected: 11/07/16 10:50
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-23

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			11/11/16 17:11	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 17:11	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 17:11	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 17:11	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 17:11	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 17:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 17:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 17:11	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 17:11	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 17:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 17:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 17:11	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 17:11	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/11/16 17:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 17:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 17:11	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 17:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 17:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 17:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 17:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
Trichloroethene	**1.4**		0.50	0.16	ug/L			11/11/16 17:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 17:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 17:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 17:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 17:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 17:11	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 17:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 17:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 17:11	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/11/16 17:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 17:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 17:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 17:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 17:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 17:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 17:11	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 17:11	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 17:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 17:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 17:11	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 17:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 17:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 17:11	1

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

TestAmerica Job ID: 500-119745-1

Client Sample ID: RFW-11B
Date Collected: 11/07/16 10:50
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-23
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			11/11/16 17:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 17:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 17:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 17:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 17:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 17:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 17:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 17:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 17:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 17:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 17:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 17:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 17:11	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 17:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*11/11/16 17:11*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*11/11/16 17:11*	*1*
4-Bromofluorobenzene (Surr)	*101*		*71 - 120*		*11/11/16 17:11*	*1*
Dibromofluoromethane	*101*		*70 - 120*		*11/11/16 17:11*	*1*

Client Sample ID: RFW-12B

Lab Sample ID: 500-119745-24

Date Collected: 11/07/16 12:45
Date Received: 11/08/16 10:25

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			11/11/16 17:38	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 17:38	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 17:38	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 17:38	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 17:38	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 17:38	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 17:38	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 17:38	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 17:38	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 17:38	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 17:38	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 17:38	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 17:38	1
cis-1,2-Dichloroethene	**0.97**	**J**	1.0	0.41	ug/L			11/11/16 17:38	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 17:38	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 17:38	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 17:38	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 17:38	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 17:38	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 17:38	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
Trichloroethene	**62**		0.50	0.16	ug/L			11/11/16 17:38	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 17:38	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 17:38	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 17:38	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 17:38	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 17:38	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 17:38	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 17:38	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 17:38	1
Tetrachloroethene	**5.7**		1.0	0.37	ug/L			11/11/16 17:38	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 17:38	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 17:38	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 17:38	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 17:38	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 17:38	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 17:38	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 17:38	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 17:38	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 17:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 17:38	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 17:38	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 17:38	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 17:38	1

Client Sample ID: RFW-12B

Date Collected: 11/07/16 12:45
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-24

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			11/11/16 17:38	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 17:38	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 17:38	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 17:38	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 17:38	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 17:38	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 17:38	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 17:38	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 17:38	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 17:38	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 17:38	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 17:38	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 17:38	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 17:38	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*11/11/16 17:38*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*11/11/16 17:38*	*1*
4-Bromofluorobenzene (Surr)	*101*		*71 - 120*		*11/11/16 17:38*	*1*
Dibromofluoromethane	*99*		*70 - 120*		*11/11/16 17:38*	*1*

Client Sample ID: RFW-13

Date Collected: 11/04/16 17:15
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-25

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			11/11/16 18:05	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 18:05	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 18:05	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 18:05	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 18:05	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 18:05	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 18:05	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 18:05	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 18:05	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 18:05	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 18:05	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 18:05	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 18:05	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/11/16 18:05	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 18:05	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 18:05	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 18:05	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 18:05	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 18:05	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 18:05	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
Trichloroethene	**2.8**		0.50	0.16	ug/L			11/11/16 18:05	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 18:05	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 18:05	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 18:05	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 18:05	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 18:05	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 18:05	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 18:05	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 18:05	1
Tetrachloroethene	**17**		1.0	0.37	ug/L			11/11/16 18:05	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 18:05	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 18:05	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 18:05	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 18:05	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 18:05	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 18:05	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 18:05	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 18:05	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 18:05	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 18:05	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 18:05	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 18:05	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 18:05	1

Client Sample ID: RFW-13

Date Collected: 11/04/16 17:15
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-25

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			11/11/16 18:05	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 18:05	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 18:05	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 18:05	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 18:05	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 18:05	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 18:05	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 18:05	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 18:05	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 18:05	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 18:05	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 18:05	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 18:05	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 18:05	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 127*		*11/11/16 18:05*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*11/11/16 18:05*	*1*
4-Bromofluorobenzene (Surr)	*99*		*71 - 120*		*11/11/16 18:05*	*1*
Dibromofluoromethane	*102*		*70 - 120*		*11/11/16 18:05*	*1*

Client Sample ID: RFW-17

Date Collected: 11/04/16 13:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-26

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.1**		0.50	0.15	ug/L			11/11/16 18:31	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 18:31	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 18:31	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 18:31	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 18:31	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 18:31	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 18:31	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 18:31	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 18:31	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 18:31	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 18:31	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 18:31	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 18:31	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/11/16 18:31	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 18:31	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 18:31	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 18:31	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 18:31	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 18:31	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 18:31	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/11/16 18:31	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 18:31	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 18:31	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 18:31	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 18:31	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 18:31	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 18:31	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 18:31	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 18:31	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/11/16 18:31	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/11/16 18:31	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 18:31	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 18:31	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 18:31	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 18:31	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 18:31	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 18:31	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 18:31	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 18:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 18:31	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 18:31	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 18:31	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 18:31	1

Client Sample ID: RFW-17

Date Collected: 11/04/16 13:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-26

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			11/11/16 18:31	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 18:31	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 18:31	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 18:31	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 18:31	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 18:31	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 18:31	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 18:31	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 18:31	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 18:31	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 18:31	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 18:31	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 18:31	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 18:31	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 127*		*11/11/16 18:31*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*11/11/16 18:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*71 - 120*		*11/11/16 18:31*	*1*
Dibromofluoromethane	*102*		*70 - 120*		*11/11/16 18:31*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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: 359887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-119745-1	EW-2	Total/NA	Water	8260B	
500-119745-4	EW-5	Total/NA	Water	8260B	
500-119745-11	Trip Blank	Total/NA	Water	8260B	
500-119745-12	RFW-1A	Total/NA	Water	8260B	
500-119745-14	RFW-2A	Total/NA	Water	8260B	
500-119745-15	RFW-2B	Total/NA	Water	8260B	
MB 500-359887/6	Method Blank	Total/NA	Water	8260B	
LCS 500-359887/12	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 360193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-119745-2	EW-3	Total/NA	Water	8260B	
500-119745-3	EW-4	Total/NA	Water	8260B	
500-119745-3 - DL	EW-4	Total/NA	Water	8260B	
500-119745-5	EW-6	Total/NA	Water	8260B	
500-119745-6	EW-7	Total/NA	Water	8260B	
500-119745-7	EW-8	Total/NA	Water	8260B	
500-119745-8	EW-9	Total/NA	Water	8260B	
500-119745-9	EW-10	Total/NA	Water	8260B	
500-119745-10	EW-9 DUP	Total/NA	Water	8260B	
500-119745-13	RFW-1B	Total/NA	Water	8260B	
500-119745-16	RFW-3B	Total/NA	Water	8260B	
500-119745-17	RFW-4A	Total/NA	Water	8260B	
500-119745-18	RFW-4A DUP	Total/NA	Water	8260B	
MB 500-360193/7	Method Blank	Total/NA	Water	8260B	
LCS 500-360193/5	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 360340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-119745-19	RFW-4B	Total/NA	Water	8260B	
500-119745-20	RFW-6	Total/NA	Water	8260B	
500-119745-21	RFW-7	Total/NA	Water	8260B	
500-119745-22	RFW-9	Total/NA	Water	8260B	
500-119745-23	RFW-11B	Total/NA	Water	8260B	
500-119745-24	RFW-12B	Total/NA	Water	8260B	
500-119745-25	RFW-13	Total/NA	Water	8260B	
500-119745-26	RFW-17	Total/NA	Water	8260B	
MB 500-360340/7	Method Blank	Total/NA	Water	8260B	
LCS 500-360340/5	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

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

TestAmerica Job ID: 500-119745-1

Method: 8260B - VOC

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (71-127)	TOL (75-120)	BFB (71-120)	DBFM (70-120)
500-119745-1	EW-2	122	109	119	99
500-119745-2	EW-3	115	84	85	107
500-119745-3 - DL	EW-4	117	84	84	109
500-119745-3	EW-4	115	83	84	110
500-119745-4	EW-5	118	106	120	97
500-119745-5	EW-6	117	83	83	109
500-119745-6	EW-7	118	83	85	109
500-119745-7	EW-8	117	83	85	110
500-119745-8	EW-9	121	82	83	109
500-119745-9	EW-10	121	83	86	110
500-119745-10	EW-9 DUP	119	82	85	110
500-119745-11	Trip Blank	119	108	115	100
500-119745-12	RFW-1A	121	108	119	97
500-119745-13	RFW-1B	117	83	85	110
500-119745-14	RFW-2A	123	110	120	96
500-119745-15	RFW-2B	121	106	120	97
500-119745-16	RFW-3B	114	83	84	108
500-119745-17	RFW-4A	118	84	90	109
500-119745-18	RFW-4A DUP	121	84	87	109
500-119745-19	RFW-4B	98	94	100	99
500-119745-20	RFW-6	98	97	98	100
500-119745-21	RFW-7	96	96	99	98
500-119745-22	RFW-9	99	95	100	100
500-119745-23	RFW-11B	97	93	101	101
500-119745-24	RFW-12B	98	95	101	99
500-119745-25	RFW-13	100	96	99	102
500-119745-26	RFW-17	103	94	101	102
LCS 500-359887/12	Lab Control Sample	117	111	116	100
LCS 500-360193/5	Lab Control Sample	109	85	87	103
LCS 500-360340/5	Lab Control Sample	97	96	98	100
MB 500-359887/6	Method Blank	121	107	118	97
MB 500-360193/7	Method Blank	116	84	86	107
MB 500-360340/7	Method Blank	98	94	99	103

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 500-359887/6
Matrix: Water
Analysis Batch: 359887

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/09/16 10:47	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/09/16 10:47	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/09/16 10:47	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/09/16 10:47	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/09/16 10:47	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/09/16 10:47	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/09/16 10:47	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/09/16 10:47	1
Acetone	<5.0		5.0	1.7	ug/L			11/09/16 10:47	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/09/16 10:47	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/09/16 10:47	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/09/16 10:47	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/09/16 10:47	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/09/16 10:47	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/09/16 10:47	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/09/16 10:47	1
Chloroform	<1.0		1.0	0.37	ug/L			11/09/16 10:47	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/09/16 10:47	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/09/16 10:47	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/09/16 10:47	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/09/16 10:47	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/09/16 10:47	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/09/16 10:47	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/09/16 10:47	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/09/16 10:47	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/09/16 10:47	1
Toluene	<0.50		0.50	0.15	ug/L			11/09/16 10:47	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/09/16 10:47	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/09/16 10:47	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/09/16 10:47	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/09/16 10:47	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/09/16 10:47	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/09/16 10:47	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/09/16 10:47	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/09/16 10:47	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/09/16 10:47	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/09/16 10:47	1
Styrene	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
Bromoform	<1.0		1.0	0.48	ug/L			11/09/16 10:47	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/09/16 10:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/09/16 10:47	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/09/16 10:47	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/09/16 10:47	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-359887/6
Matrix: Water
Analysis Batch: 359887

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			11/09/16 10:47	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/09/16 10:47	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/09/16 10:47	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 10:47	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/09/16 10:47	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/09/16 10:47	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/09/16 10:47	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/09/16 10:47	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/09/16 10:47	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/09/16 10:47	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/09/16 10:47	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/09/16 10:47	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/09/16 10:47	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/09/16 10:47	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/09/16 10:47	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/09/16 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 127*		*11/09/16 10:47*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*11/09/16 10:47*	*1*
4-Bromofluorobenzene (Surr)	*118*		*71 - 120*		*11/09/16 10:47*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*11/09/16 10:47*	*1*

Lab Sample ID: LCS 500-359887/12
Matrix: Water
Analysis Batch: 359887

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	49.1		ug/L		98	70 - 125
Dichlorodifluoromethane	50.0	58.5		ug/L		117	51 - 140
Chloromethane	50.0	52.6		ug/L		105	60 - 140
Vinyl chloride	50.0	50.3		ug/L		101	70 - 126
Bromomethane	50.0	52.2		ug/L		104	40 - 150
Chloroethane	50.0	47.8		ug/L		96	60 - 139
Trichlorofluoromethane	50.0	57.4		ug/L		115	60 - 126
1,1-Dichloroethene	50.0	52.4		ug/L		105	70 - 125
Carbon disulfide	50.0	52.0		ug/L		104	68 - 125
Acetone	50.0	23.2		ug/L		46	37 - 141
Methylene Chloride	50.0	49.7		ug/L		99	68 - 125
trans-1,2-Dichloroethene	50.0	52.4		ug/L		105	70 - 125
1,1-Dichloroethane	50.0	54.6		ug/L		109	70 - 125
2,2-Dichloropropane	50.0	68.1	*	ug/L		136	62 - 125
cis-1,2-Dichloroethene	50.0	51.0		ug/L		102	70 - 125
Methyl Ethyl Ketone	50.0	42.2		ug/L		84	52 - 142
Bromochloromethane	50.0	46.4		ug/L		93	70 - 125
Chloroform	50.0	53.6		ug/L		107	70 - 125
1,1,1-Trichloroethane	50.0	60.6		ug/L		121	70 - 125
1,1-Dichloropropene	50.0	54.7		ug/L		109	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-359887/12
Matrix: Water
Analysis Batch: 359887

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	56.2		ug/L		112	70 - 125
1,2-Dichloroethane	50.0	57.0		ug/L		114	70 - 125
Trichloroethene	50.0	47.1		ug/L		94	70 - 125
1,2-Dichloropropane	50.0	53.3		ug/L		107	70 - 125
Dibromomethane	50.0	48.4		ug/L		97	70 - 125
Bromodichloromethane	50.0	54.0		ug/L		108	70 - 125
cis-1,3-Dichloropropene	50.0	56.1		ug/L		112	70 - 125
methyl isobutyl ketone	50.0	43.0		ug/L		86	47 - 140
Toluene	50.0	53.8		ug/L		108	70 - 125
trans-1,3-Dichloropropene	50.0	58.9		ug/L		118	70 - 125
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 125
Tetrachloroethene	50.0	51.4		ug/L		103	70 - 125
1,3-Dichloropropane	50.0	50.5		ug/L		101	70 - 125
2-Hexanone	50.0	42.4		ug/L		85	49 - 139
Dibromochloromethane	50.0	53.7		ug/L		107	66 - 125
1,2-Dibromoethane	50.0	53.6		ug/L		107	70 - 125
Chlorobenzene	50.0	49.1		ug/L		98	70 - 125
1,1,1,2-Tetrachloroethane	50.0	48.7		ug/L		97	68 - 125
Ethylbenzene	50.0	54.5		ug/L		109	70 - 125
m&p-Xylene	50.0	54.2		ug/L		108	70 - 125
o-Xylene	50.0	51.5		ug/L		103	70 - 125
Styrene	50.0	51.3		ug/L		103	70 - 125
Bromoform	50.0	51.9		ug/L		104	54 - 128
Isopropylbenzene	50.0	61.3		ug/L		123	70 - 125
Bromobenzene	50.0	54.7		ug/L		109	70 - 125
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L		99	68 - 125
1,2,3-Trichloropropane	50.0	54.5		ug/L		109	63 - 125
N-Propylbenzene	50.0	59.0		ug/L		118	70 - 125
2-Chlorotoluene	50.0	57.6		ug/L		115	69 - 125
1,3,5-Trimethylbenzene	50.0	60.4		ug/L		121	70 - 125
4-Chlorotoluene	50.0	58.3		ug/L		117	70 - 125
tert-Butylbenzene	50.0	56.0		ug/L		112	70 - 125
1,2,4-Trimethylbenzene	50.0	60.8		ug/L		122	70 - 125
sec-Butylbenzene	50.0	59.9		ug/L		120	70 - 125
1,3-Dichlorobenzene	50.0	48.1		ug/L		96	70 - 125
p-Isopropyltoluene	50.0	56.4		ug/L		113	70 - 125
1,4-Dichlorobenzene	50.0	47.4		ug/L		95	70 - 125
n-Butylbenzene	50.0	58.9		ug/L		118	70 - 125
1,2-Dichlorobenzene	50.0	45.5		ug/L		91	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	57.7		ug/L		115	51 - 125
1,2,4-Trichlorobenzene	50.0	49.3		ug/L		99	64 - 126
Hexachlorobutadiene	50.0	57.4		ug/L		115	57 - 140
Naphthalene	50.0	46.9		ug/L		94	50 - 136
1,2,3-Trichlorobenzene	50.0	40.6		ug/L		81	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 127*
Toluene-d8 (Surr)	*111*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-359887/12
Matrix: Water
Analysis Batch: 359887

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*116*		*71 - 120*
Dibromofluoromethane	*100*		*70 - 120*

Lab Sample ID: MB 500-360193/7
Matrix: Water
Analysis Batch: 360193

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/10/16 13:11	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/10/16 13:11	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/10/16 13:11	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/10/16 13:11	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/10/16 13:11	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/10/16 13:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/10/16 13:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/10/16 13:11	1
Acetone	<5.0		5.0	1.7	ug/L			11/10/16 13:11	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/10/16 13:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/10/16 13:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/10/16 13:11	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/10/16 13:11	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/10/16 13:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/10/16 13:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/10/16 13:11	1
Chloroform	<1.0		1.0	0.37	ug/L			11/10/16 13:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/10/16 13:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/10/16 13:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/10/16 13:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/10/16 13:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/10/16 13:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/10/16 13:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/10/16 13:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/10/16 13:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/10/16 13:11	1
Toluene	<0.50		0.50	0.15	ug/L			11/10/16 13:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/10/16 13:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/10/16 13:11	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/10/16 13:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/10/16 13:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/10/16 13:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/10/16 13:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/10/16 13:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/10/16 13:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/10/16 13:11	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-360193/7
Matrix: Water
Analysis Batch: 360193

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.50		0.50	0.22	ug/L			11/10/16 13:11	1
Styrene	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
Bromoform	<1.0		1.0	0.48	ug/L			11/10/16 13:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/10/16 13:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/10/16 13:11	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/10/16 13:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/10/16 13:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/10/16 13:11	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/10/16 13:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/10/16 13:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 13:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/10/16 13:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/10/16 13:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/10/16 13:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/10/16 13:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/10/16 13:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/10/16 13:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/10/16 13:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/10/16 13:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/10/16 13:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/10/16 13:11	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/10/16 13:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/10/16 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 127*		*11/10/16 13:11*	*1*
Toluene-d8 (Surr)	*84*		*75 - 120*		*11/10/16 13:11*	*1*
4-Bromofluorobenzene (Surr)	*86*		*71 - 120*		*11/10/16 13:11*	*1*
Dibromofluoromethane	*107*		*70 - 120*		*11/10/16 13:11*	*1*

Lab Sample ID: LCS 500-360193/5
Matrix: Water
Analysis Batch: 360193

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	43.7		ug/L		87	70 - 125
Dichlorodifluoromethane	50.0	51.7		ug/L		103	51 - 140
Chloromethane	50.0	40.8		ug/L		82	60 - 140
Vinyl chloride	50.0	42.7		ug/L		85	70 - 126
Bromomethane	50.0	42.7		ug/L		85	40 - 150
Chloroethane	50.0	40.8		ug/L		82	60 - 139
Trichlorofluoromethane	50.0	53.2		ug/L		106	60 - 126
1,1-Dichloroethene	50.0	50.4		ug/L		101	70 - 125
Carbon disulfide	50.0	43.4		ug/L		87	68 - 125
Acetone	50.0	39.7		ug/L		79	37 - 141
Methylene Chloride	50.0	46.1		ug/L		92	68 - 125
trans-1,2-Dichloroethene	50.0	47.3		ug/L		95	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-360193/5
Matrix: Water
Analysis Batch: 360193

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	48.4		ug/L		97	70 - 125
2,2-Dichloropropane	50.0	47.3		ug/L		95	62 - 125
cis-1,2-Dichloroethene	50.0	47.2		ug/L		94	70 - 125
Methyl Ethyl Ketone	50.0	38.5		ug/L		77	52 - 142
Bromochloromethane	50.0	55.9		ug/L		112	70 - 125
Chloroform	50.0	48.8		ug/L		98	70 - 125
1,1,1-Trichloroethane	50.0	51.3		ug/L		103	70 - 125
1,1-Dichloropropene	50.0	46.5		ug/L		93	70 - 125
Carbon tetrachloride	50.0	56.6		ug/L		113	70 - 125
1,2-Dichloroethane	50.0	56.1		ug/L		112	70 - 125
Trichloroethene	50.0	57.2		ug/L		114	70 - 125
1,2-Dichloropropane	50.0	49.5		ug/L		99	70 - 125
Dibromomethane	50.0	48.3		ug/L		97	70 - 125
Bromodichloromethane	50.0	47.6		ug/L		95	70 - 125
cis-1,3-Dichloropropene	50.0	40.1		ug/L		80	70 - 125
methyl isobutyl ketone	50.0	27.1		ug/L		54	47 - 140
Toluene	50.0	41.4		ug/L		83	70 - 125
trans-1,3-Dichloropropene	50.0	41.3		ug/L		83	70 - 125
1,1,2-Trichloroethane	50.0	41.8		ug/L		84	70 - 125
Tetrachloroethene	50.0	57.5		ug/L		115	70 - 125
1,3-Dichloropropane	50.0	41.9		ug/L		84	70 - 125
2-Hexanone	50.0	25.8		ug/L		52	49 - 139
Dibromochloromethane	50.0	48.8		ug/L		98	66 - 125
1,2-Dibromoethane	50.0	43.7		ug/L		87	70 - 125
Chlorobenzene	50.0	47.0		ug/L		94	70 - 125
1,1,1,2-Tetrachloroethane	50.0	50.7		ug/L		101	68 - 125
Ethylbenzene	50.0	42.2		ug/L		84	70 - 125
m&p-Xylene	50.0	43.2		ug/L		86	70 - 125
o-Xylene	50.0	42.7		ug/L		85	70 - 125
Styrene	50.0	45.5		ug/L		91	70 - 125
Bromoform	50.0	59.7		ug/L		119	54 - 128
Isopropylbenzene	50.0	43.0		ug/L		86	70 - 125
Bromobenzene	50.0	51.0		ug/L		102	70 - 125
1,1,2,2-Tetrachloroethane	50.0	39.7		ug/L		79	68 - 125
1,2,3-Trichloropropane	50.0	36.0		ug/L		72	63 - 125
N-Propylbenzene	50.0	40.9		ug/L		82	70 - 125
2-Chlorotoluene	50.0	41.7		ug/L		83	69 - 125
1,3,5-Trimethylbenzene	50.0	43.5		ug/L		87	70 - 125
4-Chlorotoluene	50.0	41.3		ug/L		83	70 - 125
tert-Butylbenzene	50.0	46.5		ug/L		93	70 - 125
1,2,4-Trimethylbenzene	50.0	43.7		ug/L		87	70 - 125
sec-Butylbenzene	50.0	42.7		ug/L		85	70 - 125
1,3-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 125
p-Isopropyltoluene	50.0	45.3		ug/L		91	70 - 125
1,4-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 125
n-Butylbenzene	50.0	41.5		ug/L		83	70 - 125
1,2-Dichlorobenzene	50.0	48.1		ug/L		96	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.4		ug/L		83	51 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-360193/5
Matrix: Water
Analysis Batch: 360193

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-Trichlorobenzene	50.0	53.2		ug/L		106	64 - 126
Hexachlorobutadiene	50.0	69.2		ug/L		138	57 - 140
Naphthalene	50.0	42.5		ug/L		85	50 - 136
1,2,3-Trichlorobenzene	50.0	53.4		ug/L		107	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 127*
Toluene-d8 (Surr)	*85*		*75 - 120*
4-Bromofluorobenzene (Surr)	*87*		*71 - 120*
Dibromofluoromethane	*103*		*70 - 120*

Lab Sample ID: MB 500-360340/7
Matrix: Water
Analysis Batch: 360340

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/11/16 10:29	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/11/16 10:29	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/11/16 10:29	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/11/16 10:29	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/11/16 10:29	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/11/16 10:29	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/11/16 10:29	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/11/16 10:29	1
Acetone	<5.0		5.0	1.7	ug/L			11/11/16 10:29	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/11/16 10:29	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/11/16 10:29	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/11/16 10:29	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/11/16 10:29	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/11/16 10:29	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/11/16 10:29	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/11/16 10:29	1
Chloroform	<1.0		1.0	0.37	ug/L			11/11/16 10:29	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/11/16 10:29	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/11/16 10:29	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/11/16 10:29	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/11/16 10:29	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/11/16 10:29	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/11/16 10:29	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/11/16 10:29	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/11/16 10:29	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/11/16 10:29	1
Toluene	<0.50		0.50	0.15	ug/L			11/11/16 10:29	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/11/16 10:29	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/11/16 10:29	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/11/16 10:29	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-360340/7
Matrix: Water
Analysis Batch: 360340

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			11/11/16 10:29	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/11/16 10:29	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/11/16 10:29	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/11/16 10:29	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/11/16 10:29	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/11/16 10:29	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/11/16 10:29	1
Styrene	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
Bromoform	<1.0		1.0	0.48	ug/L			11/11/16 10:29	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/11/16 10:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/11/16 10:29	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/11/16 10:29	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/11/16 10:29	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/11/16 10:29	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/11/16 10:29	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/11/16 10:29	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 10:29	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/11/16 10:29	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/11/16 10:29	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/11/16 10:29	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/11/16 10:29	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/11/16 10:29	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/11/16 10:29	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/11/16 10:29	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/11/16 10:29	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/11/16 10:29	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/11/16 10:29	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/11/16 10:29	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/11/16 10:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*11/11/16 10:29*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*11/11/16 10:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*71 - 120*		*11/11/16 10:29*	*1*
Dibromofluoromethane	*103*		*70 - 120*		*11/11/16 10:29*	*1*

Lab Sample ID: LCS 500-360340/5
Matrix: Water
Analysis Batch: 360340

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	42.0		ug/L		84	70 - 125
Dichlorodifluoromethane	50.0	50.8		ug/L		102	51 - 140
Chloromethane	50.0	41.9		ug/L		84	60 - 140
Vinyl chloride	50.0	37.0		ug/L		74	70 - 126

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-360340/5
Matrix: Water
Analysis Batch: 360340

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	34.2		ug/L		68	40 - 150
Chloroethane	50.0	34.9		ug/L		70	60 - 139
Trichlorofluoromethane	50.0	44.9		ug/L		90	60 - 126
1,1-Dichloroethene	50.0	48.4		ug/L		97	70 - 125
Carbon disulfide	50.0	42.9		ug/L		86	68 - 125
Acetone	50.0	39.6		ug/L		79	37 - 141
Methylene Chloride	50.0	45.9		ug/L		92	68 - 125
trans-1,2-Dichloroethene	50.0	46.9		ug/L		94	70 - 125
1,1-Dichloroethane	50.0	39.7		ug/L		79	70 - 125
2,2-Dichloropropane	50.0	38.4		ug/L		77	62 - 125
cis-1,2-Dichloroethene	50.0	47.3		ug/L		95	70 - 125
Methyl Ethyl Ketone	50.0	48.4		ug/L		97	52 - 142
Bromochloromethane	50.0	47.5		ug/L		95	70 - 125
Chloroform	50.0	44.2		ug/L		88	70 - 125
1,1,1-Trichloroethane	50.0	46.0		ug/L		92	70 - 125
1,1-Dichloropropene	50.0	43.1		ug/L		86	70 - 125
Carbon tetrachloride	50.0	43.9		ug/L		88	70 - 125
1,2-Dichloroethane	50.0	42.4		ug/L		85	70 - 125
Trichloroethene	50.0	48.6		ug/L		97	70 - 125
1,2-Dichloropropane	50.0	39.8		ug/L		80	70 - 125
Dibromomethane	50.0	42.1		ug/L		84	70 - 125
Bromodichloromethane	50.0	40.0		ug/L		80	70 - 125
cis-1,3-Dichloropropene	50.0	39.1		ug/L		78	70 - 125
methyl isobutyl ketone	50.0	45.5		ug/L		91	47 - 140
Toluene	50.0	41.2		ug/L		82	70 - 125
trans-1,3-Dichloropropene	50.0	39.2		ug/L		78	70 - 125
1,1,2-Trichloroethane	50.0	45.3		ug/L		91	70 - 125
Tetrachloroethene	50.0	45.0		ug/L		90	70 - 125
1,3-Dichloropropane	50.0	41.3		ug/L		83	70 - 125
2-Hexanone	50.0	46.0		ug/L		92	49 - 139
Dibromochloromethane	50.0	41.7		ug/L		83	66 - 125
1,2-Dibromoethane	50.0	46.4		ug/L		93	70 - 125
Chlorobenzene	50.0	43.3		ug/L		87	70 - 125
1,1,1,2-Tetrachloroethane	50.0	41.4		ug/L		83	68 - 125
Ethylbenzene	50.0	43.5		ug/L		87	70 - 125
m&p-Xylene	50.0	41.5		ug/L		83	70 - 125
o-Xylene	50.0	40.3		ug/L		81	70 - 125
Styrene	50.0	42.3		ug/L		85	70 - 125
Bromoform	50.0	42.1		ug/L		84	54 - 128
Isopropylbenzene	50.0	43.7		ug/L		87	70 - 125
Bromobenzene	50.0	44.9		ug/L		90	70 - 125
1,1,2,2-Tetrachloroethane	50.0	43.6		ug/L		87	68 - 125
1,2,3-Trichloropropane	50.0	39.9		ug/L		80	63 - 125
N-Propylbenzene	50.0	41.8		ug/L		84	70 - 125
2-Chlorotoluene	50.0	42.4		ug/L		85	69 - 125
1,3,5-Trimethylbenzene	50.0	42.5		ug/L		85	70 - 125
4-Chlorotoluene	50.0	41.1		ug/L		82	70 - 125
tert-Butylbenzene	50.0	42.7		ug/L		85	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-360340/5
Matrix: Water
Analysis Batch: 360340

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	42.2		ug/L		84	70 - 125
sec-Butylbenzene	50.0	43.3		ug/L		87	70 - 125
1,3-Dichlorobenzene	50.0	43.7		ug/L		87	70 - 125
p-Isopropyltoluene	50.0	42.9		ug/L		86	70 - 125
1,4-Dichlorobenzene	50.0	43.2		ug/L		86	70 - 125
n-Butylbenzene	50.0	41.8		ug/L		84	70 - 125
1,2-Dichlorobenzene	50.0	43.8		ug/L		88	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/L		90	51 - 125
1,2,4-Trichlorobenzene	50.0	44.7		ug/L		89	64 - 126
Hexachlorobutadiene	50.0	37.4		ug/L		75	57 - 140
Naphthalene	50.0	49.9		ug/L		100	50 - 136
1,2,3-Trichlorobenzene	50.0	45.8		ug/L		92	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*
Toluene-d8 (Surr)	*96*		*75 - 120*
4-Bromofluorobenzene (Surr)	*98*		*71 - 120*
Dibromofluoromethane	*100*		*70 - 120*

Client Sample ID: EW-2

Date Collected: 11/07/16 13:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	359887	11/09/16 13:28	PJH	TAL CHI

Client Sample ID: EW-3

Date Collected: 11/07/16 10:05
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 13:39	TCT	TAL CHI

Client Sample ID: EW-4

Date Collected: 11/07/16 09:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 14:07	TCT	TAL CHI
Total/NA	Analysis	8260B	DL	10	360193	11/10/16 14:35	TCT	TAL CHI

Client Sample ID: EW-5

Date Collected: 11/07/16 09:20
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	359887	11/09/16 14:21	PJH	TAL CHI

Client Sample ID: EW-6

Date Collected: 11/07/16 11:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 15:02	TCT	TAL CHI

Client Sample ID: EW-7

Date Collected: 11/07/16 11:10
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 15:30	TCT	TAL CHI

Client Sample ID: EW-8

Lab Sample ID: 500-119745-7
Matrix: Water

Date Collected: 11/07/16 11:15
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 15:58	TCT	TAL CHI

Client Sample ID: EW-9

Lab Sample ID: 500-119745-8
Matrix: Water

Date Collected: 11/07/16 11:30
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 16:26	TCT	TAL CHI

Client Sample ID: EW-10

Lab Sample ID: 500-119745-9
Matrix: Water

Date Collected: 11/07/16 11:40
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 16:54	TCT	TAL CHI

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-119745-10
Matrix: Water

Date Collected: 11/07/16 11:30
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 17:21	TCT	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-119745-11
Matrix: Water

Date Collected: 11/04/16 07:00
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	359887	11/09/16 13:02	PJH	TAL CHI

Client Sample ID: RFW-1A

Lab Sample ID: 500-119745-12
Matrix: Water

Date Collected: 11/04/16 11:00
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	359887	11/09/16 17:24	PJH	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-119745-1

Client Sample ID: RFW-1B

Lab Sample ID: 500-119745-13
Matrix: Water

Date Collected: 11/04/16 17:30
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 17:49	TCT	TAL CHI

Client Sample ID: RFW-2A

Lab Sample ID: 500-119745-14
Matrix: Water

Date Collected: 11/04/16 10:05
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	359887	11/09/16 18:18	PJH	TAL CHI

Client Sample ID: RFW-2B

Lab Sample ID: 500-119745-15
Matrix: Water

Date Collected: 11/04/16 09:55
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	359887	11/09/16 18:45	PJH	TAL CHI

Client Sample ID: RFW-3B

Lab Sample ID: 500-119745-16
Matrix: Water

Date Collected: 11/04/16 14:05
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 18:17	TCT	TAL CHI

Client Sample ID: RFW-4A

Lab Sample ID: 500-119745-17
Matrix: Water

Date Collected: 11/07/16 08:30
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 18:45	TCT	TAL CHI

Client Sample ID: RFW-4A DUP

Lab Sample ID: 500-119745-18
Matrix: Water

Date Collected: 11/07/16 08:30
Date Received: 11/08/16 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360193	11/10/16 19:12	TCT	TAL CHI

Client Sample ID: RFW-4B
Date Collected: 11/07/16 08:25
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 15:24	PMF	TAL CHI

Client Sample ID: RFW-6
Date Collected: 11/04/16 15:10
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 15:51	PMF	TAL CHI

Client Sample ID: RFW-7
Date Collected: 11/04/16 11:55
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 16:17	PMF	TAL CHI

Client Sample ID: RFW-9
Date Collected: 11/04/16 16:20
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 16:44	PMF	TAL CHI

Client Sample ID: RFW-11B
Date Collected: 11/07/16 10:50
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 17:11	PMF	TAL CHI

Client Sample ID: RFW-12B
Date Collected: 11/07/16 12:45
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 17:38	PMF	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-119745-1

Client Sample ID: RFW-13

Date Collected: 11/04/16 17:15
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 18:05	PMF	TAL CHI

Client Sample ID: RFW-17

Date Collected: 11/04/16 13:00
Date Received: 11/08/16 10:25

Lab Sample ID: 500-119745-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	360340	11/11/16 18:31	PMF	TAL CHI

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 500-119745-1

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2903	04-30-18
Georgia	State Program	4	N/A	04-30-17
Georgia	State Program	4	939	04-30-17
Hawaii	State Program	9	N/A	04-30-17
Illinois	NELAP	5	100201	04-30-17
Indiana	State Program	5	C-IL-02	04-30-17
Iowa	State Program	7	82	05-01-18
Kansas	NELAP	7	E-10161	10-31-17
Kentucky (UST)	State Program	4	66	04-30-17
Kentucky (WW)	State Program	4	KY90023	12-31-16 *
Mississippi	State Program	4	N/A	04-30-17
New York	NELAP	2	12019	04-01-17
North Carolina (WW/SW)	State Program	4	291	12-31-16 *
North Dakota	State Program	8	R-194	04-30-17
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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* Certification renewal pending - 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 #: 500-119745

Chain of Custody Number:

Page 1 of 3

Temperature °C of Cooler: 4.5

(optional) Report To	(optional) Bill To
Contact:	Contact:
Company:	Company:
Address:	Address:
Address:	Address:
Phone:	Phone:
Fax:	Fax:
E-Mail:	PO#/Reference#

Client: Weston Solutions	Client Project #: 02501.004.005.0001
Project Name: Black + Decker	
Project Location/State: Hampstead, MD	Lab Project #:
Sampler: Greg Fiswick	Lab PM: Dick Wright

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. [illegible] Cool to 4°
4. [illegible] 4°
5. [illegible] l to 4°

500-119745 COC

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative: HCl	Parameter: VOC	Comments
1		EW-2	11/7/16	1300	3	W			
2		EW-3		1005					
3		EW-4		955					
4		EW-5		920					
5		EW-6		1100					
6		EW-7		1110					
7		EW-8		1115					
8		EW-9		1130					
9		EW-10		1140					
10		EW-9 Dup		1130					

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Standard ___ 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]	Westan	11/7/16	1600	[signature]	TALHI	11/08/16	10:25
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key

WW – Wastewater	SE – Sediment
W – Water	SO – Soil
S – Soil	L – Leachate
SL – Sludge	WI – Wipe
MS – Miscellaneous	DW – Drinking Water
OL – Oil	O – Other
A – Air	

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

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-119745
Chain of Custody Number:
Page 2 of 3
Temperature °C of Cooler: 4.5

Client: Western
Client Project #:
Project Name: Black + Decker
Project Location/State:
Lab Project #:
Sampler: Greg Fbrunski
Lab PM: Dick Wright

Preservative: HCl
Parameter: VOC

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	Comments
11		Trip Blank	11/4/16	700	2	W	
12		RFW 1A		1100	3		
13		RFW 1B		1730			
14		RFW 2A		1005			
15		RFW 2B		955			
16		RFW 3B		1405			
17		RFW 4A	11/7/16	830			
18		RFW 4A Dup		830			
19		RFW 4B		825			
20		RFW 6	11/4/16	1510			

Turnaround Time Required (Business Days) Stnd
___ 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	11/7/16	1600	David Sewell	TALHE	11/08/16	10:25
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
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:

TAL-4124-508 (1808) 11/15/2016

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:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-119745
Chain of Custody Number:
Page 3 of 3
Temperature °C of Cooler: 4.5

Client: Western
Client Project #:
Project Name: B+ Decker
Project Location/State: Hayestead MD
Lab Project #:
Sampler: Greg Fkasuski
Lab PM: Dick W

Preservative: HCl
Parameter: VOC

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	Comments
21		RFW7	11/4/16	1155	3	W	
22		RFW 9	"	1620			
~~23~~ 23		RFW 11B	11/7/16	1050			
24		RFW 12B	"	1245			
25		RFW 13	11/4/16	1715			
26		RFW 17	11/4/16	13:00			Added by TA

Turnaround Time Required (Business Days) Standard
___ 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]	Western	11/7/16	1650	[signature]	TAL	11/08/16	10:25
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
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:

FedEx Express **NEW** Package US Airbill

FedEx Tracking Number 8987 0578 8488

0200 Recipient's Copy

1 From

Date 11/7/16

Sender's Name [redacted] Phone [redacted]

Company [redacted]

Address [redacted] Dept./Floor/Suite/Room

City [redacted] State [redacted] ZIP [redacted]

2 Your Internal Billing Reference [redacted]

3 To

Recipient's Name [redacted] Phone [redacted]

Company [redacted]

Address [redacted] Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address
Use this line for the HOLD location address or for continuation of your shipping address.

City [redacted] State IL ZIP 60484

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8987 0578 8488

500-119745 Waybill

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ **NEW** FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube* ☒ Other

6 Special Handling and Delivery Signature Options

☐ SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☒ No Signature Required — Package may be left without obtaining a signature for delivery.
☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No
☐ Yes — As per attached Shipper's Declaration.
☐ Yes — Shipper's Declaration not required.
☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☒ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

[redacted]

Total Packages	Total Weight	Total Declared Value†	Credit Card Auth.
	1.1 lbs.	$ .00	

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 500-119745-1

Login Number: 119745
List Number: 1
Creator: Sanchez, Ariel 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.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5
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.	False	Received extra samples not listed on COC.
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").	False	Headspace larger than 1/4".
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	