Quarterly Groundwater Monitoring Report

Prepared for

Black & Decker (U.S.) Inc.

Hampstead, Maryland

April 2018

Prepared by

WESTON SOLUTIONS, INC.

West Chester, Pennsylvania 19380-1499

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1. INTRODUCTION

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

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

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

2. SITE CHARACTERISTICS

2.1 HYDRAULIC PROPERTIES

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of January through March 2018.

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

Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. For the reporting period of January through March 2018, the extraction wells were pumping at an average combined rate of approximately 147 gallons per minute (gpm).

2.2 EFFLUENT CHARACTERISTICS

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration, on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of January through March 2018 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of January through March 2018, approximately 7.96 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) (54.8 %) and tetrachloroethene (PCE) (45.2 %). Analytical results of the groundwater collected from the air stripper for the period of January through March 2018 are included in Appendix C.

A summary of the analytical results from the first quarter (February 2018) groundwater sampling round of the extraction and monitor wells is presented in Table 2-4. The complete

Table 2-1
Treatment System Pumping Records - 1st Quarter 2018
Stanley Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
January 2018	5,875,643
February 2018	5,310,942
March 2018	5,887,009

Table 2-2
Groundwater Elevation Data - 1st Quarter 2018
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	1/16/2018		2/11/2018		3/17/2018	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	87.30	761.91	88.70	760.51	89.40	759.81
EW-3	846.64	118	92.05	754.59	90.20	756.44	90.10	756.54
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	94.00	770.17	94.00	770.17	93.50	770.67
EW-6	831.98	115	104.00	727.98	104.00	727.98	104.00	727.98
EW-7	818.38	78	73.25	745.13	73.80	744.58	72.86	745.52
EW-8	811.13	98	102.00	709.13	102.00	709.13	102.00	709.13
EW-9	811.35	141	96.03	715.32	95.75	715.60	96.26	715.09
EW-10	807.74	INA	61.90	745.84	61.88	745.86	62.07	745.67
RFW-1A	864.37	78	51.96	812.41	52.43	811.94	52.11	812.26
RFW-1B	864.23	200	51.94	812.29	52.40	811.83	52.09	812.14
RFW-2A	857.41	35	18.08	839.33	18.41	839.00	17.93	839.48
RFW-2B	857.73	75	18.72	839.01	19.12	838.61	18.26	839.47
RFW-3B	839.21	153	40.61	798.60	40.80	798.41	40.37	798.84
RFW-4A	830.37	62	39.41	790.96	39.35	791.02	39.26	791.11
RFW-4B	830.37	120	39.17	791.20	39.19	791.18	39.04	791.33
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	6.12	778.92	4.44	780.60	5.31	779.73
RFW-7	805.14	29	7.21	797.93	7.84	797.30	7.36	797.78
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.86	834.16	27.85	834.17	27.96	834.06
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	65.10	784.52	65.13	784.49	64.97	784.65
RFW-12B	844.87	264	51.26	793.61	51.22	793.65	50.74	794.13
RFW-13	849.11	150	65.57	783.54	67.30	781.81	65.96	783.15
RFW-14B	812.39	281	52.09	760.30	52.80	759.59	52.77	759.62
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	29.26	805.40	29.42	805.24	26.88	807.78
RFW-20	842.49	142	35.74	806.75	37.84	804.65	35.21	807.28
RFW-21	832.65	102	24.26	808.39	24.84	807.81	23.80	808.85
PH-7	805.94	89	29.78	776.16	30.17	775.77	29.51	776.43
PH-9	814.94	98	50.64	764.30	50.86	764.08	50.36	764.58
PH-11	820.68	78	52.78	767.90	52.37	768.31	52.28	768.40
PH-12	828.35	87	49.87	778.48	50.43	777.92	49.74	778.61
B-3	803.02	83	NA	NC	NA	NC	NA	NC
Amoco	842.29	INA	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	INA	1.89	803.07	1.32	803.64	1.74	803.22
Pembroke #1	INA	INA	10.41	NC	10.77	NC	10.86	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	10.17	NC	10.26	NC	9.86	NC
E. Century St.	INA	INA	19.27	NC	19.23	NC	19.27	NC
Lwr. Beckleys. Rd.	INA	INA	54.88	NC	55.95	NC	56.02	NC

NA - Not Available/Not Accessible

NC - Not Calculable

PC - Pump Cycles

Table 2-3
Effluent Characteristics Summary - 1st Quarter 2018
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE		
					January 2018	February 2018	March 2018
001	FLOW	average	MGD	NA	0.238	0.251	0.166
		maximum	MGD	NA	0.891	0.840	0.854
	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	6.5	6.9	7.0	6.9
		maximum	STD	8.5	7.4	7.9	7.5
	BOD		mg/l	15	3.0	3.0	< 2
	TSS	maximum	mg/l	30	< 1	< 1	< 1
		monthly average	mg/l	20	< 1	< 1	< 1
101 (Monitoring Point)	FLOW	average	MGD	NA	0.159	0.0	0.0
		maximum	MGD	NA	0.211	0.0	0.0
	Fecal Coliform		MPN/100ml	200	1.0	NR	NR
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.192
		maximum	MGD	NA	NR	NR	0.246
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1

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

Table 2-4
Summary of Groundwater Analytical Results - February 2018
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Vinyl Chloride	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/L	NS	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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	2.5	2	1 U	1 U	1 U	6.3	30	1 U	1 U	1 U
Chloroform	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	100	29	38	83	5.6	4.5	7.2	0.6	0.5	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	49	1.3	3	2.8	8.2	12	63	80	81	1.7
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.
J = Indicates an estimated value.
NS = Not Sampled

Table 2-4
Summary of Groundwater Analytical Results - February 2018
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Vinyl Chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
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	2.8 J	2.6 J	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	3 J	NS	5 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	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1.2	0.8 J	0.7 J	2.5	NS	1 U	1 U	NS	3.3	NS
Chloroform	ug/L	2 U	2 U	2 U	2 U	2 U	1.1 J	1.1 J	1.6 J	NS	2 U	2 U	NS	2 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 J	0.5 U	0.5 U	25	25	48	NS	0.5 U	0.5 U	NS	1.6	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	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	7.3	7.2	61	NS	1 U	1 U	NS	1.2	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U	NS	0.5 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Notes: DUP = Duplicate sample
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 - February 2018
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	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
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	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	0.5 U	0.5 U	0.25 J	0.21 J	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	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.1	1.4	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
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	1.3	100	2.4	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	2.6	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	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	9	13	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.47 J	0.5 U	0.5 U
1,I,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	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	0.5 U	0.5 U	0.5 U	NS	0.5 U	ABD	ABD	ABD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	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 Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentration of TCE was detected in the groundwater sample collected from well EW-2 and RFW-12B. The highest concentration of PCE was detected in the groundwater sample collected from well EW-9. The remainder of VOCs present were detected at levels below the Federal Maximum Contaminant Levels (MCL).

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities which were undertaken with the extraction and treatment system during the reporting period (January through March 2018) is presented in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate or other routine maintenance activities).

Table 3-1
Treatment System Maintenance Activities - 1st Quarter 2018
Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
Jan-18	Low hydro tank alarm caused by the relay being stuck. The relay was replaced and the system was reset.
Mar-18	High column alarm, reset the system and the system is back online.

4. RECOMMENDATIONS

For the reporting period of January through March 2018, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(JANUARY – MARCH 2018)

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

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

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

Superintendent: David Coale Certification # 1662

Month: January
Year: 2018

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	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	0.09400	7.17	0.00												0.000000		0"	0.0	0.0	0.0				0.212865	C. Dallas
2	Clear	0.08600	6.98	0.00												0.000000	<1	2"	5.0	1.0	5.0				0.161864	G. Scheller
3	Clear	0.12300														0.000000		2"	5.0	1.0	5.0				0.221271	G. Scheller
4	Clear	0.08600														0.000000		2"	0.0	0.0	0.0				0.190881	A.Bradley
5	Clear	0.06300														0.000000		2"	0.0	0.0	0.0				0.191756	A.Bradley
6	Clear	0.61400														0.000000		2"	0.0	0.0	0.0				.201.737	G. Scheller
7	Clear	0.56000														0.000000		2"	0.0	0.0	0.0				0.191210	G. Scheller
8	Clear	0.30800	6.89	0.00												0.000000		2"	0.0	0.0	0.0				0.160924	G. Scheller
9	Clear	0.89100	6.98	0.00												0.000000		2"	0.0	0.0	0.0				0.233379	G. Scheller
10	Clear	0.58800														0.000000		2"	0.0	0.0	0.0				0.195975	G. Scheller
11	Clear	0.25400														0.050000	<1	2"	5.0	1.0	5.0				0.163605	G. Scheller
12	Clear	0.27400														0.000000		2"	5.0	1.0	5.0				0.246398	G. Scheller
13	Clear	0.88700														0.000000		2"	0.0	0.0	0.0				0.173699	A.Bradley
14	Clear	0.27500														0.000000		2"	0.0	0.0	0.0				0.198800	A.Bradley
15	Clear	0.14900	6.98	0.00												0.000000		2"	0.0	0.0	0.0				0.213485	G. Scheller
16	Clear	0.12000	6.90	0.00				3.31	6.17			<0.1		<5		0.020000	<1	2"	5.0	1.0	5.0	<1	<1	<1	0.162693	G. Scheller
17	Clear	0.17400														0.000000		2"	0.0	0.0	0.0				0.235059	G. Scheller
18	Clear	0.12100														0.000000		0"	0.0	0.0	0.0				0.200467	G. Scheller
19	Clear	0.10900														0.000000		0"	0.0	0.0	0.0				0.201438	G. Scheller
20	Clear	0.10300														0.000000		0"	0.0	0.0	0.0				0.187893	A.Bradley
21	Clear	0.10200														0.000000		0"	0.0	0.0	0.0				0.189292	A.Bradley
22	Clear	0.08600	6.93	0.00												0.017000	<1	0"	5.0	1.0	5.0				0.164986	G. Scheller
23	Clear	0.21200	7.06	0.00												0.018500		1"	5.0	1.0	5.0				0.198879	G. Scheller
24	Clear	0.24500	7.03	0.00												0.211000		1"	5.0	1.0	5.0				0.219341	C. Dallas
25	Clear	0.10200														0.175000		1"	5.0	1.0	5.0				0.186424	C. Dallas
26	Clear	0.11000														0.000000		1"	0.0	1.0	5.0				0.198469	C. Dallas
27	Clear	0.08400														0.000000		1"	0.0	0.0	0.0				0.165784	D.Jones
28	Clear	0.13500														0.000000		0"	0.0	0.0	0.0				0.230551	D.Jones
29	Clear	0.14600	7.37	0.00												0.000000		0"	0.0	0.0	0.0				0.186504	G. Scheller
30	Clear	0.06100	7.29	0.00												0.000000		0"	0.0	0.0	0.0				0.191420	G. Scheller
31	Clear	0.08400														0.000000		0"	0.0	0.0	0.0				0.200331	G. Scheller
Total		7.24600														0.491500									5.875643	
Average		0.23374		<0.10	#DIV/0!	#DIV/0!	#DIV/0!	3	6	####	####	0	####	0	####	0.015855	1.0	######	1.5	0.3	1.6	0.0	0.0	0.0	0.195855	
Minimum		0.06100	6.9	0.00	0	0	0	3	6	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.160924	MOR
Maximum		0.89100	7.4	<0.10	0	0	0	3	6	0	0	0	0	0		0.211000	0.0	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.246398	2/22/2018

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

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

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

Superintendent: David Coale Certification # 1662

Month: February
Year: 2018

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.06300														0.000000		0"	0.0	0.0	0.0				0.183604	G. Scheller
2	Clear	0.12400														0.000000		0"	0.0	0.0	0.0				0.189745	G. Scheller
3	Clear	0.10000														0.000000		0"	0.0	0.0	0.0				0.158583	K White
4	Clear	0.07300														0.000000		0"	0.0	0.0	0.0				0.223994	K White
5	Clear	0.84000	6.99	0.00												0.000000		0"	0.0	0.0	0.0				0.191501	G. Scheller
6	Clear	0.20600	7.05	0.00												0.000000		0"	0.0	0.0	0.0				0.192601	G. Scheller
7	Clear	0.18200														0.000000		0"	0.0	0.0	0.0				0.190228	G. Scheller
8	Clear	0.73200														0.000000		0"	0.0	0.0	0.0				0.190082	G. Scheller
9	Clear	0.18800														0.000000		0"	0.0	0.0	0.0				0.190696	G. Scheller
10	Clear	0.15500														0.000000		0"	0.0	0.0	0.0				0.192584	C. Dallas
11	Clear	0.77100														0.000000		0"	0.0	0.0	0.0				0.187607	C. Dallas
12	Clear	0.51100	7.26	0.00												0.000000		0"	0.0	0.0	0.0				0.195090	G. Scheller
13	Clear	0.12700	7.91	0.00				3.13	<6			<0.1		<5		0.000000		0"	0.0	0.0	0.0	<1	<1	<1	0.152237	G. Scheller
14	Clear	0.16700														0.000000		0"	0.0	0.0	0.0				0.230390	G. Scheller
15	Clear	0.13600														0.000000		0"	0.0	0.0	0.0				0.190542	G. Scheller
16	Clear	0.42100														0.000000		0"	0.0	0.0	0.0				0.190600	G. Scheller
17	Clear	0.24400														0.000000		0"	0.0	0.0	0.0				0.154170	D.Jones
18	Clear	0.19500														0.000000		0"	0.0	0.0	0.0				0.180321	D.Jones
19	Clear	0.21900	7.93	0.00												0.000000		0"	0.0	0.0	0.0				0.222956	G. Scheller
20	Clear	0.13200	7.41	0.00												0.000000		0"	0.0	0.0	0.0				0.186596	G. Scheller
21	Clear	0.13100														0.000000		0"	0.0	0.0	0.0				0.191705	G. Scheller
22	Clear	0.16100														0.000000		0"	0.0	0.0	0.0				0.189738	C. Dallas
23	Clear	0.20200														0.000000		0"	0.0	0.0	0.0				0.191053	C. Dallas
24	Clear	0.17400														0.000000		0"	0.0	0.0	0.0				0.189730	K White
25	Clear	0.30900														0.000000		0"	0.0	0.0	0.0				0.194637	K White
26	Clear	0.23000	7.01	0.00												0.000000		0"	0.0	0.0	0.0				0.185825	G. Scheller
27	Clear	0.11900	6.98	0.00												0.000000		0"	0.0	0.0	0.0				0.190598	G. Scheller
28	Clear	0.11200														0.000000		0"	0.0	0.0	0.0				0.189529	G. Scheller
29																										
30																										
31																										
Total		7.02400														0.000000									5.316942	
Average		0.25086		<0.10	#DIV/0!	#DIV/0!	#DIV/0!	3	0	####	####	0	####	0	####	0.000000	#NUM!	######	0.0	0.0	0.0	0.0	0.0	0.0	0.189891	
Minimum		0.06300	7.0	0.00	0	0	0	3	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.152237	MOR
Maximum		0.84000	7.9	<0.10	0	0	0	3	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.230390	3/19/2018

MENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

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

Facility: BTR Capital Group (MD0001851) | Address: 627 Hanover Pike, Hampstead Maryland | Additional Op's & cert # - Garrett Scheller 2500, Dorrance Jones 0763, Chris Dallas 6202,Andrew Bradley 0780,Keith White 4669,Jessica Fierro 3463

Superintendent: David Coale | Certification # 1662

Month: March | Year: 2018

Final Effluent outfall 001																	Outfall 101						Outfall 201				Operator
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Biam - Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	
1	Clear	0.10900														0.000000		0"	0.0	0.0	0.0				0.189529	G. Scheller
2	Clear	0.85400														0.000000		0"	0.0	0.0	0.0				0.188866	G. Scheller
3	Clear	0.24900														0.000000		0"	0.0	0.0	0.0				0.189714	A.Bradley
4	Clear	0.10800														0.000000		0"	0.0	0.0	0.0				0.187037	A.Bradley
5	Clear	0.09700	6.85	0.00												0.000000		0"	0.0	0.0	0.0				0.194850	G. Scheller
6	Clear	0.08200	7.11	0.00												0.000000		0"	0.0	0.0	0.0				0.177133	G. Scheller
7	Clear	0.14400														0.000000		0"	0.0	0.0	0.0				0.187482	G. Scheller
8	Clear	0.17900														0.000000		0"	0.0	0.0	0.0				0.210935	G. Scheller
9	Clear	0.10900														0.000000		0"	0.0	0.0	0.0				0.188864	G. Scheller
10	Clear	0.09700														0.000000		0"	0.0	0.0	0.0				0.192540	D.Jones
11	Clear	0.08300														0.000000		0"	0.0	0.0	0.0				0.151366	D.Jones
12	Clear	0.12700	7.17	0.00												0.000000		0"	0.0	0.0	0.0				0.221962	J. Fierro
13	Clear	0.09400	7.51	0.00				< 2	< 3			< 0.1		< 5		0.000000		0"	0.0	0.0	0.0	< 1	< 1	< 1	0.156071	J. Fierro
14	Clear	0.11100														0.000000		0"	0.0	0.0	0.0				0.224805	J. Fierro
15	Clear	0.11700														0.000000		0"	0.0	0.0	0.0				0.184849	A.Bradley
16	Clear	0.10500														0.000000		0"	0.0	0.0	0.0				0.186220	A.Bradley
17	Clear	0.06600														0.000000		0"	0.0	0.0	0.0				0.164321	K. White
18	Clear	0.13200														0.000000		0"	0.0	0.0	0.0				0.227359	C. Dallas
19	Clear	0.10700	7.03	0.00												0.000000		0"	0.0	0.0	0.0				0.189678	G. Scheller
20	Clear	0.19600	7.00	0.00												0.000000		0"	0.0	0.0	0.0				0.188061	G. Scheller
21	Clear	0.19500														0.000000		0"	0.0	0.0	0.0				0.179541	G. Scheller
22	Clear	0.25700														0.000000		0"	0.0	0.0	0.0				0.197045	G. Scheller
23	Clear	0.14400														0.000000		0"	0.0	0.0	0.0				0.198369	G. Scheller
24	Clear	0.19900														0.000000		0"	0.0	0.0	0.0				0.186859	A.Bradley
25	Clear	0.27900														0.000000		0"	0.0	0.0	0.0				0.184670	A.Bradley
26	Clear	0.21000	6.91	0.00												0.000000		0"	0.0	0.0	0.0				0.199626	G. Scheller
27	Clear	0.10800	7.06	0.00												0.000000		0"	0.0	0.0	0.0				0.187070	G. Scheller
28	Clear	0.14500														0.000000		0"	0.0	0.0	0.0				0.194829	G. Scheller
29	Clear	0.19200														0.000000		0"	0.0	0.0	0.0				0.187750	G. Scheller
30	Clear	0.14000														0.000000		0"	0.0	0.0	0.0				0.193917	G. Scheller
31	Clear	0.10000														0.000000		0"	0.0	0.0	0.0				0.175781	C. Dallas
Total		5.13500														0.000000									5.887099	
Average		0.16565		<0.10	#DIV/0!	#DIV/0!	#DIV/0!	0	0	####	####	0	####	0	#####	0.000000	#NUM!	#DIV/0	0.0	0.0	0.0	0.0	0.0	0.0	0.189906	
Minimum		0.06600	6.9	0.00	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.151366	MOR
Maximum		0.85400	7.5	<0.10	0	0	0	0	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.227359	4/19/2018

APPENDIX B
DISCHARGE MONITORING REPORTS
(JANUARY - MARCH 2018)

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-A1** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 01/01/18 to 01/31/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample										=	3	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	15 DAILY MX	19 - mg/L	0 01/30 - Monthly	GR - GRAB
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.9			=	7.4	12 - SU	02/07 - Twice Every Week	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0 02/07 - Twice Every Week	GR - GRAB
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	6	=	6	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	20 MX MO AV	<=	30 DAILY MX	19 - mg/L	0 01/30 - Monthly	GR - GRAB
					Value NODI														
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								=	0	=	0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	10 MX MO AV	<=	15 DAILY MX	19 - mg/L	0 01/30 - Monthly	GR - GRAB
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	0			19 - mg/L	01/30 - Monthly	08 - COMP-8
					Permit Req.								<=	0.3 MX MO AV			19 - mg/L	0 01/30 - Monthly	08 - COMP-8
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.2337	=	0.891	03 - MGD								01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0 01/30 - Monthly	MS - MEASRD
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0	=	0	28 - ug/L	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	11 MX MO AV	<=	19 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
18BlackandDeckerWWTP01.pdf	pdf	3212255

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:01 (Time Zone: -05:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**MD0001881**	Permittee:	BTR HAMPSTEAD,LLC.	Facility:	BTR HAMPSTEAD, LLC.
Major:	No	Permittee Address:	626 HANOVER PIKE HAMPSTEAD, MD 21074	Facility Location:	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	Discharge:	**001-A5** PROPOSED		

Report Dates & Status

Monitoring Period:	**From 01/01/18 to 01/31/18**	DMR Due Date:	**02/28/18**	Status:	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		Title:	Telephone:
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX 15 - deg F			24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.							C - No Discharge		C - No Discharge		C - No Discharge				
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX 03 - MGD											
					Value NODI		C - No Discharge		C - No Discharge											

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

No attachments.

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:01 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:03 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	**Discharge:**	**101-A2** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 01/01/18 to 01/31/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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	=	15855	=	211000	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 MX WK AV			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
18BlackandDeckerWWTP01.pdf	pdf	3212255

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:02 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:03 (Time Zone: -05:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 01/01/18 to 01/31/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						>=	5 INST MIN C - No Discharge					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.															
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	225 MX WK AV C - No Discharge			26 - lb/d			<=	45 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	150 MX MO AV C - No Discharge			26 - lb/d			<=	30 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM C - No Discharge			<=	8.5 MAXIMUM C - No Discharge	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	113 MX WK AV C - No Discharge			26 - lb/d			<=	23 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL C - No Discharge	78 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample															
					Permit Req.			<=	27397 CUM TOTL C - No Discharge	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	75 MX MO AV C - No Discharge			26 - lb/d			<=	15 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL C - No Discharge	78 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample															
					Permit Req.				Req Mon CUM TOTL C - No Discharge	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.	<=	21 MX DA AV C - No Discharge			26 - lb/d			<=	4.1 MX DA AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	9 MX MO AV C - No Discharge			26 - lb/d			<=	1.8 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	2.3 MX WK AV			26 - lb/d			<=	.45 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD

				Value NODI	C - No Discharge					C - No Discharge			
				Sample									
00665 Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req.			Req Mon MO TOTAL	76 - lb/mo				01/30 - Monthly	CA - CALCTD
				Value NODI			C - No Discharge						
				Sample									
00665 Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req.		<=	548 CUM TOTL	50 - lb/yr				01/30 - Monthly	CA - CALCTD
				Value NODI			C - No Discharge						
				Sample									
00665 Phosphorus, total [as P]	EG - Effluent Gross	0	--	Permit Req. <=	1.5 MX MO AV			26 - lb/d	<=	.3 MX MO AV	19 - mg/L	01/30 - Monthly	CA - CALCTD
				Value NODI	C - No Discharge					C - No Discharge			
				Sample									
04175 Phosphate, ortho [as P]	1 - Effluent Gross	0	--	Permit Req.						Req Mon MO AVG	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
				Value NODI						C - No Discharge			
				Sample									
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	03 - MGD				99/99 - Continuous	RF - RCDFLO
				Value NODI	C - No Discharge		C - No Discharge						
				Sample									
51040 E. coli	1 - Effluent Gross	0	--	Permit Req.					<=	60 MO MAX	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
				Value NODI						C - No Discharge			
				Sample									
82220 Flow, total	1 - Effluent Gross	0	--	Permit Req.			Req Mon MO TOTAL	80 - Mgal/mo				01/30 - Monthly	CA - CALCTD
				Value NODI			C - No Discharge						

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:03 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-02-26 07:03 (Time Zone: -05:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 02/01/18 to 02/28/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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										=	3	19 - mg/L		01/30 - Monthly	GR - GRAB
00310 BOD, 5-day, 20 deg. C		1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	7			=	7.9	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								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00530 Solids, total suspended		1 - Effluent Gross	0	--	Permit Req.								<=	20 MX MO AV	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556 Oil & Grease		1 - Effluent Gross	0	--	Permit Req.								<=	10 MX MO AV	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample								=	0			19 - mg/L		01/30 - Monthly	08 - COMP-8
00665 Phosphorus, total [as P]		1 - Effluent Gross	0	--	Permit Req.								<=	.3 MX MO AV			19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample	=	0.2509	=	0.84	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	28 - ug/L		01/30 - Monthly	GR - GRAB
50060 Chlorine, total residual		1 - Effluent Gross	0	--	Permit Req.								<=	11 MX MO AV	<=	19 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	Date
18BlackandDeckerWWTP02.pdf	pdf	1720231

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-03-23 07:03 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
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-A5** PROPOSED		

Report Dates & Status

Monitoring Period:	**From 02/01/18 to 02/28/18**	**DMR Due Date:**	**03/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX 15 - deg F			24/01 - Hourly	IT - Immersion Stabilization
					Permit Req.							C - No Discharge		C - No Discharge		C - No Discharge				
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX 03 - MGD											
					Value NODI		C - No Discharge		C - No Discharge											

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

No attachments.

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-03-23 07:03 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-03-23 07:04 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**MD0001881**	Permittee:	BTR HAMPSTEAD,LLC.	Facility:	BTR HAMPSTEAD, LLC.
Major:	No	Permittee Address:	626 HANOVER PIKE HAMPSTEAD, MD 21074	Facility Location:	626 HANOVER PIKE HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	Discharge:	**101-A2** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 02/01/18 to 02/28/18**	DMR Due Date:	**04/28/18**	Status:	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		Title:	Telephone:
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/07 - Weekly	MS - MEASRD
					Value NODI		C - No Discharge		C - No Discharge											
51040	E. coli	1 - Effluent Gross	0	--	Sample															
					Permit Req.						<=	126 MX WK AV				30 - MPN/100mL			01/07 - Weekly	GR - GRAB
					Value NODI							C - No Discharge								

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
18BlackandDeckerWWTP02.pdf	pdf	1720231

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
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E-Mail:	akline@menv.com
Date/Time:	2018-03-23 07:03 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-03-23 07:04 (Time Zone: -04:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 02/01/18 to 02/28/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						>=	5 INST MIN C - No Discharge					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.															
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	225 MX WK AV C - No Discharge			26 - lb/d			<=	45 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	150 MX MO AV C - No Discharge			26 - lb/d			<=	30 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM C - No Discharge			<=	8.5 MAXIMUM C - No Discharge	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	113 MX WK AV C - No Discharge			26 - lb/d			<=	23 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL C - No Discharge	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample															
					Permit Req.			<=	27397 CUM TOTL C - No Discharge	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	75 MX MO AV C - No Discharge			26 - lb/d			<=	15 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL C - No Discharge	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample															
					Permit Req.				Req Mon CUM TOTL C - No Discharge	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.	<=	21 MX DA AV C - No Discharge			26 - lb/d			<=	4.1 MX DA AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	9 MX MO AV C - No Discharge			26 - lb/d			<=	1.8 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	2.3 MX WK AV C - No Discharge			26 - lb/d			<=	.45 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															

00665 Phosphorus, total [as P]	1 - Effluent Gross	1	--	Report Req Value Rqrd			Req Mon MO TOTAL C - No Discharge	76 - lb/mo					01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]	1 - Effluent Gross	2	--	Report Req Value Rqrd		<=	548 CUM TOTL C - No Discharge	50 - lb/yr					01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]	EG - Effluent Gross	0	--	Report Req Value Rqrd	<=	1.5 MX MO AV C - No Discharge		26 - lb/d	<=	.3 MX MO AV C - No Discharge	19 - mg/L		01/30 - Monthly	CA - CALCTD
04175 Phosphate, ortho [as P]	1 - Effluent Gross	0	--	Report Req Value Rqrd						Req Mon MO AVG C - No Discharge	19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Report Req Value Rqrd		Req Mon MO AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	03 - MGD					99/99 - Continuous	RF - RCDFLO
51040 E. coli	1 - Effluent Gross	0	--	Report Req Value Rqrd					<=	60 MO MAX C - No Discharge	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
82220 Flow, total	1 - Effluent Gross	0	--	Report Req Value Rqrd			Req Mon MO TOTAL C - No Discharge	80 - Mgal/mo					01/30 - Monthly	CA - CALCTD

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
18BlackandDeckerWWTP02.pdf	pdf	1720231

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2018-03-23 11:30 (Time Zone: -04:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2018-03-23 11:31 (Time Zone: -04:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 03/01/18 to 03/31/18**	DMR Due Date:	**04/28/18**	Status:	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		Title:	Telephone:
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
					Sample										=	0	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						=	6.9			=	7.5	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								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.								<=	20 MX MO AV	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Permit Req.								<=	10 MX MO AV	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample								=	0			19 - mg/L		01/30 - Monthly	08 - COMP-8
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req.								<=	0.3 MX MO AV			19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample	=	0.1656	=	0.854	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	28 - ug/L		01/30 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.								<=	11 MX MO AV	<=	19 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
18BlackandDeckerWWTP03.pdf	pdf	1536758

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-04-20 08:53 (Time Zone: -04:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**MD0001881**	Permittee:	BTR HAMPSTEAD,LLC.	Facility:	BTR HAMPSTEAD, LLC.
Major:	No	Permittee Address:	626 HANOVER PIKE HAMPSTEAD, MD 21074	Facility Location:	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	001 External Outfall	Discharge:	**001-A5** PROPOSED		

Report Dates & Status

Monitoring Period:	**From 03/01/18 to 03/31/18**	DMR Due Date:	**04/28/18**	Status:	**NetDMR Validated**

Considerations for Form Completion

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			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon DAILY AV C - No Discharge		Req Mon WKLY AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	03 - MGD									01/30 - Monthly	MS - MEASRD

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-04-20 08:52 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-04-23 10:56 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**MD0001881**	Permittee:	BTR HAMPSTEAD,LLC.	Facility:	BTR HAMPSTEAD, LLC.
Major:	No	Permittee Address:	626 HANOVER PIKE HAMPSTEAD, MD 21074	Facility Location:	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	101 External Outfall	Discharge:	**101-A2** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 03/01/18 to 03/31/18**	DMR Due Date:	**04/28/18**	Status:	**NetDMR Validated**

Considerations for Form Completion

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 Permit Req. Value NODI		Req Mon MO AVG C - No Discharge		Req Mon DAILY MX 07 - gal/d C - No Discharge									01/07 - Weekly	MS - MEASRD
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						<=	126 MX WK AV C - No Discharge				30 - MPN/100mL		01/07 - Weekly	GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
18BlackandDeckerWWTP03.pdf	pdf	1536758

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-04-20 08:55 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-04-23 10:56 (Time Zone: -04:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 03/01/18 to 03/31/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Rx.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						>=	5 INST MIN C - No Discharge					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.															
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	225 MX WK AV C - No Discharge			26 - lb/d			<=	45 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	150 MX MO AV C - No Discharge			26 - lb/d			<=	30 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM C - No Discharge			<=	8.5 MAXIMUM C - No Discharge	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	113 MX WK AV C - No Discharge			26 - lb/d			<=	23 MX WK AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL C - No Discharge	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample															
					Permit Req.			<=	27397 CUM TOTL C - No Discharge	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	75 MX MO AV C - No Discharge			26 - lb/d			<=	15 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL C - No Discharge	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample															
					Permit Req.				Req Mon CUM TOTL C - No Discharge	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI															
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.	<=	21 MX DA AV C - No Discharge			26 - lb/d			<=	4.1 MX DA AV C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	9 MX MO AV C - No Discharge			26 - lb/d			<=	1.8 MX MO AV C - No Discharge			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG C - No Discharge			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	2.3 MX WK AV			26 - lb/d			<=	.45 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI															

Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading	Quantity or Loading	Units	Quality or Concentration	Units	Frequency of Analysis	Sample Type
				Value NODI	C - No Discharge			C - No Discharge			
00665 Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample Permit Req. Value NODI		Req Mon MO TOTAL C - No Discharge	76 - lb/mo			01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample Permit Req. Value NODI		<= 548 CUM TOTL C - No Discharge	50 - lb/yr			01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI	<= 1.5 MX MO AV C - No Discharge		26 - lb/d	<= .3 MX MO AV C - No Discharge	19 - mg/L	01/30 - Monthly	CA - CALCTD
04175 Phosphate, ortho [as P]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG C - No Discharge	19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon MO AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	03 - MGD			99/99 - Continuous	RF - RCDFLO
51040 E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<= 60 MO MAX C - No Discharge	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
82220 Flow, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon MO TOTAL C - No Discharge	80 - Mgal/mo			01/30 - Monthly	CA - CALCTD

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: AMYKLINE
Name: Amy Kline
E-Mail: akline@menv.com
Date/Time: 2018-04-20 08:56 (Time Zone: -04:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2018-04-23 10:56 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**MD0001881**	**Permittee:**	BTR HAMPSTEAD,LLC.	**Facility:**	BTR HAMPSTEAD, LLC.
Major:	No	**Permittee Address:**	626 HANOVER PIKE HAMPSTEAD, MD 21074	**Facility Location:**	626 HANOVER PIKE CARROLL COUNTY HAMPSTEAD, MD 21074
Permitted Feature:	201 External Outfall	**Discharge:**	**201-A3** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 01/01/18 to 03/31/18**	**DMR Due Date:**	**04/28/18**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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						=	0	=	0			28 - ug/L	01/90 - Quarterly	GR - GRAB
34506 1,1,1-Trichloroethane		1 - Effluent Gross	0	--	Permit Req.							Req Mon MO AVG	<=	5 DAILY MX			28 - ug/L	0 01/90 - Quarterly	GR - GRAB
					Value NODI														
					Sample	=	0.192	=	0.2464	03 - MGD								01/90 - Quarterly	MS - MEASRD
74076 Flow		1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0 99/99 - Continuous	MS - MEASRD
					Value NODI														
					Sample						=	0	=	0			28 - ug/L	01/90 - Quarterly	GR - GRAB
76029 Organics, tot purgeables [Method 624]		1 - Effluent Gross	0	--	Permit Req.							Req Mon MO 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
78389 Tetrachloroethene		1 - Effluent Gross	0	--	Permit Req.							Req Mon MO AVG	<=	5 DAILY MX			28 - ug/L	0 01/30 - Monthly	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 MO AVG	<=	5 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
18BlackandDeckerWWTPQ3.pdf	pdf	4539684

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Date/Time:	2018-04-20 08:53 (Time Zone: -04:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-04-23 10:56 (Time Zone: -04:00)

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(JANUARY - MARCH 2018)

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Analytical Report

Serialized: 01/31/2018 03:01pm DE36

Order Number:	L6992520
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	01-16-2018
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:

L6992520

Authorized by: Ronald T. Fazio, President

eurofins | Lancaster Laboratories Environmental

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ANALYSIS REPORT

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: January 31, 2018 07:45

Project: L6992520

Account #: 21318
Group Number: 1897049
PO Number: BTR Hampstead WWTP
State of Sample Origin: MD

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

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

Eurofins QC, Inc.

Analytical Report

Printed 01/31/18 15:01 DE36

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

Order Number: L6992520
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 01-16-2018
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6992520-1	BTR 001	01/16/18 08:37am NA C	Customer

Received Date/Time/Temp 01/16/18 05:00pm 4.2 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
BIOCHEMICAL OXYGEN DEMAND, 5 DAY (DELAWA
METHOD 1664,HEXANE EXTRACTABLES(O+G)
TOTAL PHOSPHOROUS AS P (DELAWARE)
TOTAL SUSPENDED SOLIDS (DELAWARE)

Sample Comments | Result Qualifiers:

L6992520-1 :

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

Sample Description: L6992520-1 Grab Wastewater
BTR 001

Project Name: L6992520

Eurofins QC Laboratories
ELLE Sample #: WW 9409318
ELLE Group #: 1897049
Matrix: Wastewater

Submittal Date/Time: 01/16/2018 20:17
Collection Date/Time: 01/16/2018 08:37

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 365.1**		mg/l	mg/l	
00227	Total Phosphorus as P (water)	7723-14-0	N.D. Q8	0.10	1
	EPA 1664B		mg/l	mg/l	
08079	HEM (oil & grease)	n.a.	N.D. Q2	5.0	1
	SM 2540 D-1997		mg/l	mg/l	
13858	Total Suspended Solids	n.a.	6.17	6.00	1
	SM 5210 B-2001		mg/l	mg/l	
14108	Biochemical Oxygen Demand-BOD	n.a.	3.31	2.00	1

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00227	Total Phosphorus as P (water)	EPA 365.1	1	18023109101A	01/25/2018 20:55	Samuel J Weaver	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	18023109101A	01/23/2018 10:00	Akira Lloyd	1
08079	HEM (oil & grease)	EPA 1664B	1	18030807903A	01/30/2018 18:05	Huyen Dao-Kendig	1
13858	Total Suspended Solids	SM 2540 D-1997	1	18019385802A	01/19/2018 10:35	Karen D Lausch	1
14108	Biochemical Oxygen Demand-BOD	SM 5210 B-2001	1	18017141081A	01/17/2018 14:56	Gaurang A Pandya	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 01/31/2018 07:45

Group Number: 1897049

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

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

Method Blank

Analysis Name	Result	LOQ
	mg/l	mg/l
Batch number: 18023109101A	Sample number(s): 9409318	
Total Phosphorus as P (water)	N.D.	0.10
Batch number: 18019385802A	Sample number(s): 9409318	
Total Suspended Solids	N.D.	3.00
Batch number: 18030807903A	Sample number(s): 9409318	
HEM (oil & grease)	N.D.	5.0

LCS/LCSD

Analysis Name	LCS Spike Added mg/l	LCS Conc mg/l	LCSD Spike Added mg/l	LCSD Conc mg/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 18023109101A	Sample number(s): 9409318								
Total Phosphorus as P (water)	2.73	2.68			98		90-110		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 18017141081A	Sample number(s): 9409318								
Biochemical Oxygen Demand-BOD	198	186.3			94		85-115		
Batch number: 18019385802A	Sample number(s): 9409318								
Total Suspended Solids	150	145.1	150	146.1	97	97	89-105	1	5
Batch number: 18030807903A	Sample number(s): 9409318								
HEM (oil & grease)	40	37.3	40	39	93	98	78-114	4	13

MS/MSD

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

Analysis Name	Unspiked Conc mg/l	MS Spike Added mg/l	MS Conc mg/l	MSD Spike Added mg/l	MSD Conc mg/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: 18023109101A	Sample number(s): 9409318 UNSPK: P409347									
Total Phosphorus as P (water)	0.0760	2.00	2.15			104		90-110		

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 01/31/2018 07:45

Group Number: 1897049

MS/MSD

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

Analysis Name	Unspiked Conc mg/l	MS Spike Added mg/l	MS Conc mg/l	MSD Spike Added mg/l	MSD Conc mg/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 18030807903A	Sample number(s): 9409318 UNSPK: P409156									
HEM (oil & grease)	N.D.	41.7	31.56			76*		78-114		

Laboratory Duplicate

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

Analysis Name	BKG Conc mg/l	DUP Conc mg/l	DUP RPD	DUP RPD Max
Batch number: 18023109101A	Sample number(s): 9409318 BKG: P409347			
Total Phosphorus as P (water)	0.0760	0.0820	8* (1)	4
	mg/l	mg/l		
Batch number: 18017141081A	Sample number(s): 9409318 BKG: P409057			
Biochemical Oxygen Demand-BOD	192.8	181.2	6	28
Batch number: 18019385802A	Sample number(s): 9409318 BKG: P409090			
Total Suspended Solids	215	225	5 (1)	5

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

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Analytical Report

Serialized: 01/23/2018 01:33pm DE36

Order Number:	L6992522
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	01-16-2018
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:

L6992522

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 01/23/18 13:33 DE36

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

Order Number: L6992522
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 01-16-2018
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6992522-1	BTR-5 201	01/16/18 09:00am NA C	Customer

Received Date/Time/Temp 01/16/18 05:00pm 4.2 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6992522-3	BTR-6 201	01/16/18 09:00am NA C	Customer

Received Date/Time/Temp 01/16/18 05:00pm 4.2 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L6992522-1 :

L6992522-3 :

PIN: 17237

Serial Number: 6407294

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ANALYSIS REPORT

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: January 23, 2018 11:37

Project: L6992522

Account #: 21318
Group Number: 1897017
PO Number: BTR WWTP
State of Sample Origin: MD

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

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

Sample Description: L6992522-1 Grab Wastewater
BTR-5 201

Project Name: L6992522

Submittal Date/Time: 01/16/2018 20:17
Collection Date/Time: 01/16/2018 09:00

Eurofins QC Laboratories
ELLE Sample #: WW 9409217
ELLE Group #: 1897017
Matrix: Wastewater

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U180181AA	01/19/2018 02:09	Hu Yang	1

Sample Description: L6992522-3 Grab Wastewater
BTR-6 201
BTR-6 201

Project Name: L6992522

Submittal Date/Time: 01/16/2018 20:17
Collection Date/Time: 01/16/2018 09:00

Eurofins QC Laboratories
ELLE Sample #: WW 9409218
ELLE Group #: 1897017
Matrix: Wastewater

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	Benzene	71-43-2	N.D.	1	1
10371	Bromodichloromethane	75-27-4	N.D.	1	1
10371	Bromoform	75-25-2	N.D.	1	1
10371	Bromomethane	74-83-9	N.D.	1	1
10371	Carbon Tetrachloride	56-23-5	N.D.	1	1
10371	Chlorobenzene	108-90-7	N.D.	1	1
10371	Chloroethane	75-00-3	N.D.	1	1
10371	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	1	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10371	Chloroform	67-66-3	N.D.	1	1
10371	Chloromethane	74-87-3	N.D.	1	1
10371	Dibromochloromethane	124-48-1	N.D.	1	1
10371	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10371	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10371	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10371	1,1-Dichloroethane	75-34-3	N.D.	1	1
10371	1,2-Dichloroethane	107-06-2	N.D.	1	1
10371	1,1-Dichloroethene	75-35-4	N.D.	1	1

Sample Description: L6992522-3 Grab Wastewater
BTR-6 201
BTR-6 201

Project Name: L6992522

Submittal Date/Time: 01/16/2018 20:17
Collection Date/Time: 01/16/2018 09:00

Eurofins QC Laboratories
ELLE Sample #: WW 9409218
ELLE Group #: 1897017
Matrix: Wastewater

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	trans-1,2-Dichloroethene	156-60-5	N.D.	1	1
10371	1,2-Dichloropropane	78-87-5	N.D.	1	1
10371	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10371	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10371	Ethylbenzene	100-41-4	N.D.	1	1
10371	Methylene Chloride	75-09-2	N.D.	1	1
10371	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	Toluene	108-88-3	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	1,1,2-Trichloroethane	79-00-5	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
10371	Trichlorofluoromethane	75-69-4	N.D.	1	1
10371	Vinyl Chloride	75-01-4	N.D.	1	1

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U180181AA	01/19/2018 02:32	Hu Yang	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 01/23/2018 11:37

Group Number: 1897017

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

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

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: U180181AA	Sample number(s): 9409217-9409218	
Benzene	N.D.	1
Bromodichloromethane	N.D.	1
Bromoform	N.D.	1
Bromomethane	N.D.	1
Carbon Tetrachloride	N.D.	1
Chlorobenzene	N.D.	1
Chloroethane	N.D.	1
2-Chloroethyl Vinyl Ether	N.D.	1
Chloroform	N.D.	1
Chloromethane	N.D.	1
Dibromochloromethane	N.D.	1
1,2-Dichlorobenzene	N.D.	1
1,3-Dichlorobenzene	N.D.	1
1,4-Dichlorobenzene	N.D.	1
1,1-Dichloroethane	N.D.	1
1,2-Dichloroethane	N.D.	1
1,1-Dichloroethene	N.D.	1
trans-1,2-Dichloroethene	N.D.	1
1,2-Dichloropropane	N.D.	1
cis-1,3-Dichloropropene	N.D.	1
trans-1,3-Dichloropropene	N.D.	1
Ethylbenzene	N.D.	1
Methylene Chloride	N.D.	1
1,1,2,2-Tetrachloroethane	N.D.	1
Tetrachloroethene	N.D.	1
Toluene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
1,1,2-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
Trichlorofluoromethane	N.D.	1
Vinyl Chloride	N.D.	1

LCS/LCSD

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

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

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Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 01/23/2018 11:37

Group Number: 1897017

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: U180181AA	Sample number(s): 9409217-9409218								
Benzene	20	19.51	20	19.49	98	97	80-120	0	30
Bromodichloromethane	20	20.48	20	20.46	102	102	80-120	0	30
Bromoform	20	21.53	20	20.78	108	104	66-125	4	30
Bromomethane	20	19.91	20	19.26	100	96	61-137	3	30
Carbon Tetrachloride	20	22.02	20	21.55	110	108	72-128	2	30
Chlorobenzene	20	20.29	20	20.37	101	102	80-120	0	30
Chloroethane	20	19.12	20	18.54	96	93	60-136	3	30
2-Chloroethyl Vinyl Ether	20	18.03	20	18.45	90	92	65-120	2	30
Chloroform	20	20.33	20	20.14	102	101	80-120	1	30
Chloromethane	20	21.09	20	20.17	105	101	57-124	4	30
Dibromochloromethane	20	21.28	20	21.34	106	107	78-120	0	30
1,2-Dichlorobenzene	20	20.72	20	21.14	104	106	78-125	2	30
1,3-Dichlorobenzene	20	20.48	20	20.58	102	103	77-120	0	30
1,4-Dichlorobenzene	20	21.01	20	21.02	105	105	80-120	0	30
1,1-Dichloroethane	20	18.87	20	17.34	94	87	70-128	8	30
1,2-Dichloroethane	20	21.99	20	21.93	110	110	80-120	0	30
1,1-Dichloroethene	20	20.15	20	19.69	101	98	69-122	2	30
trans-1,2-Dichloroethene	20	18.72	20	18.82	94	94	73-124	1	30
1,2-Dichloropropane	20	19.06	20	19.12	95	96	80-120	0	30
cis-1,3-Dichloropropene	20	18.24	20	18.62	91	93	80-120	2	30
trans-1,3-Dichloropropene	20	18.75	20	19.03	94	95	80-120	2	30
Ethylbenzene	20	19.68	20	19.63	98	98	80-120	0	30
Methylene Chloride	20	18.5	20	18.27	92	91	69-120	1	30
1,1,2,2-Tetrachloroethane	20	18.89	20	19.32	94	97	80-120	2	30
Tetrachloroethene	20	21.45	20	21.12	107	106	77-122	2	30
Toluene	20	19.39	20	19.44	97	97	80-120	0	30
1,1,1-Trichloroethane	20	21.3	20	20.79	106	104	77-123	2	30
1,1,2-Trichloroethane	20	20.06	20	20.27	100	101	80-120	1	30
Trichloroethene	20	20.25	20	20.26	101	101	80-120	0	30
Trichlorofluoromethane	20	24.33	20	23.46	122	117	61-136	4	30
Vinyl Chloride	20	20.61	20	20.79	103	104	59-127	1	30

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

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Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 01/23/2018 11:37

Group Number: 1897017

Surrogate Quality Control

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

Analysis Name: VOCs- 5ml Water by 624
Batch number: U180181AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
9409217	97	96	96
9409218	98	96	96
Blank	94	98	94
LCS	103	98	102
LCSD	105	100	102
Limits:	78-118	88-107	80-118

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

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Sample Administration Receipt Documentation Log

Doc Log ID: 206115

Group Number(s):

Client: EQCL

1097017

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	01/16/2018 20:17
Number of Packages:	1	Number of Projects:	10

Arrival Condition Summary

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

Unpacked by Simon Nies (25112) at 20:49 on 01/16/2018

Page 10 of 12

Samples Chilled Details

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

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT42-03	5.9	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T 717-656-2300
F 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

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

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

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

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

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

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

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

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

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

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Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report
B	Detection in the Blank
Q0	LCS/LCSD Low
Q1	LCS/LCSD High
Q2	MS/MSD Low
Q3	MS/MSD High
Q7	LCS/LCSD RPD
Q8	DUP RPD
Q9	MS/MSD RPD

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

Lab: CEL

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 108592

Project No. 2589 - 2085-1700

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			Collectors ID #: 2500
Sample Location:	Final 101 - Grab			
Bottle Numbers:	Chem:		Bact: BTR-1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 1-22-18		Time: 0917	Name: Garrett Schelker
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH:	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow: mgd	Temp: °C		Before DeCl2 (y)/ n)	Total: >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
5	E. Coli	SM9223B/9221F	<1.0	MPN/100ml	1-22-18 222p	1-23-18 1052a	JS
		* Please make sure method utilized is circled or written					

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

Comments:

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

Reviewed by A.M. Date 1-23-18

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

Chain of Custody:		Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Schelker	1-22-18	10:00		1/22/18	10:00
2		1-22-18	1:25		1-22-18	1:25pm
3						
4						
5						
6						

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Analytical Report

Serialized: 02/23/2018 05:41pm DE36

Order Number:	L6999551
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	02-13-2018
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:

L6999551

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 02/23/18 17:41 DE36

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

Order Number: L6999551
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 02-13-2018
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6999551-1	BTR-5 BTR 201	02/13/18 09:08am NA C	Customer

Received Date/Time/Temp 02/13/18 04:00pm 1.2 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L6999551-1 :

PIN: 17237

Serial Number: 6415081

Sample Description: L6999551-1 Grab Wastewater
BTR-5 BTR 201

Project Name: L6999551

Eurofins QC Laboratories
ELLE Sample #: WW 9454757
ELLE Group #: 1908238
Matrix: Wastewater

Submittal Date/Time: 02/13/2018 20:45
Collection Date/Time: 02/13/2018 09:08

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

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U180471AA	02/16/2018 15:38	Joshua S Hess	1

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/EastLabsEnv

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 02/23/2018 13:44

Group Number: 1908238

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

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

Method Blank

Analysis Name	Result	LOQ
	ug/l	ug/l
Batch number: U180471AA	Sample number(s): 9454757	
Benzene	N.D.	1
Bromodichloromethane	N.D.	1
Bromoform	N.D.	1
Bromomethane	N.D.	1
Carbon Tetrachloride	N.D.	1
Chlorobenzene	N.D.	1
Chloroethane	N.D.	1
2-Chloroethyl Vinyl Ether	N.D.	1
Chloroform	N.D.	1
Chloromethane	N.D.	1
Dibromochloromethane	N.D.	1
1,2-Dichlorobenzene	N.D.	1
1,3-Dichlorobenzene	N.D.	1
1,4-Dichlorobenzene	N.D.	1
1,1-Dichloroethane	N.D.	1
1,2-Dichloroethane	N.D.	1
1,1-Dichloroethene	N.D.	1
trans-1,2-Dichloroethene	N.D.	1
1,2-Dichloropropane	N.D.	1
cis-1,3-Dichloropropene	N.D.	1
trans-1,3-Dichloropropene	N.D.	1
Ethylbenzene	N.D.	1
Methylene Chloride	N.D.	1
1,1,2,2-Tetrachloroethane	N.D.	1
Tetrachloroethene	N.D.	1
Toluene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
1,1,2-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
Trichlorofluoromethane	N.D.	1
Vinyl Chloride	N.D.	1

LCS/LCSD

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

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 02/23/2018 13:44

Group Number: 1908238

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: U180471AA	Sample number(s): 9454757								
Benzene	20	20.41			102		80-120		
Bromodichloromethane	20	19.61			98		80-120		
Bromoform	20	18.47			92		66-125		
Bromomethane	20	19.68			98		61-137		
Carbon Tetrachloride	20	20.31			102		72-128		
Chlorobenzene	20	20.34			102		80-120		
Chloroethane	20	18.95			95		60-136		
2-Chloroethyl Vinyl Ether	20	19			95		65-120		
Chloroform	20	19.29			96		80-120		
Chloromethane	20	17.88			89		57-124		
Dibromochloromethane	20	19.46			97		78-120		
1,2-Dichlorobenzene	20	20.15			101		78-125		
1,3-Dichlorobenzene	20	19.74			99		77-120		
1,4-Dichlorobenzene	20	19.93			100		80-120		
1,1-Dichloroethane	20	20.12			101		70-128		
1,2-Dichloroethane	20	19.48			97		80-120		
1,1-Dichloroethene	20	21.41			107		69-122		
trans-1,2-Dichloroethene	20	20.37			102		73-124		
1,2-Dichloropropane	20	20.71			104		80-120		
cis-1,3-Dichloropropene	20	20.17			101		80-120		
trans-1,3-Dichloropropene	20	19.95			100		80-120		
Ethylbenzene	20	20.9			105		80-120		
Methylene Chloride	20	19.96			100		69-120		
1,1,2,2-Tetrachloroethane	20	19.72			99		80-120		
Tetrachloroethene	20	19.78			99		77-122		
Toluene	20	20.93			105		80-120		
1,1,1-Trichloroethane	20	20.39			102		77-123		
1,1,2-Trichloroethane	20	20.16			101		80-120		
Trichloroethene	20	19.35			97		80-120		
Trichlorofluoromethane	20	19.53			98		61-136		
Vinyl Chloride	20	19.34			97		59-127		

MS/MSD

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

Analysis Name	Unspiked Conc ug/l	MS Spike Added ug/l	MS Conc ug/l	MSD Spike Added ug/l	MSD Conc ug/l	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
Batch number: U180471AA	Sample number(s): 9454757 UNSPK: P458081									
Benzene	N.D.	20	20.65	20	21.37	103	107	80-120	3	30

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 02/23/2018 13:44

Group Number: 1908238

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
Bromodichloromethane	N.D.	20	19.66	20	20.41	98	102	80-120	4	30
Bromoform	N.D.	20	18.14	20	19.11	91	96	66-125	5	30
Bromomethane	N.D.	20	19.5	20	19.99	97	100	61-137	2	30
Carbon Tetrachloride	N.D.	20	21.71	20	22.44	109	112	72-128	3	30
Chlorobenzene	N.D.	20	20.27	20	21.46	101	107	80-120	6	30
Chloroethane	N.D.	20	19.05	20	19.48	95	97	60-136	2	30
2-Chloroethyl Vinyl Ether	N.D.	20	18.88	20	19.45	94	97	65-120	3	30
Chloroform	N.D.	20	20.93	20	21.17	105	106	80-120	1	30
Chloromethane	N.D.	20	17.83	20	17.1	89	86	57-124	4	30
Dibromochloromethane	N.D.	20	18.6	20	20.1	93	100	78-120	8	30
1,2-Dichlorobenzene	N.D.	20	19.73	20	21.05	99	105	78-125	6	30
1,3-Dichlorobenzene	N.D.	20	19.45	20	20.74	97	104	77-120	6	30
1,4-Dichlorobenzene	N.D.	20	19.79	20	21.6	99	108	80-120	9	30
1,1-Dichloroethane	N.D.	20	21.16	20	21.99	106	110	70-128	4	30
1,2-Dichloroethane	N.D.	20	18.97	20	19.54	95	98	80-120	3	30
1,1-Dichloroethene	N.D.	20	22.33	20	22.93	112	115	69-122	3	30
trans-1,2-Dichloroethene	N.D.	20	21.63	20	22.22	108	111	73-124	3	30
1,2-Dichloropropane	N.D.	20	20.99	20	21.59	105	108	80-120	3	30
cis-1,3-Dichloropropene	N.D.	20	19.83	20	21.63	99	108	80-120	9	30
trans-1,3-Dichloropropene	N.D.	20	19.52	20	20.76	98	104	80-120	6	30
Ethylbenzene	N.D.	20	20.99	20	22.27	105	111	80-120	6	30
Methylene Chloride	N.D.	20	20.68	20	21.39	103	107	69-120	3	30
1,1,2,2-Tetrachloroethane	N.D.	20	18.86	20	19.95	94	100	80-120	6	30
Tetrachloroethene	N.D.	20	20.61	20	21.76	103	109	77-122	5	30
Toluene	N.D.	20	20.27	20	22.25	101	111	80-120	9	30
1,1,1-Trichloroethane	N.D.	20	22.54	20	22.47	113	112	77-123	0	30
1,1,2-Trichloroethane	N.D.	20	19.3	20	20.55	96	103	80-120	6	30
Trichloroethene	N.D.	20	20.89	20	21.01	104	105	80-120	1	30
Trichlorofluoromethane	N.D.	20	20.54	20	20.73	103	104	61-136	1	30
Vinyl Chloride	N.D.	20	19.48	20	20.41	97	102	59-127	5	30

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 02/23/2018 13:44

Group Number: 1908238

Surrogate Quality Control

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

Analysis Name: VOCs- 5ml Water by 624
Batch number: U180471AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
9454757	95	95	89
Blank	99	95	90
LCS	99	100	99
MS	101	99	99
MSD	108	100	102
Limits:	78-118	88-107	80-118

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

eurofins | QC

Analytical Report

Serialized: 02/22/2018 06:04pm DE36

Order Number:	L6999557
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	02-13-2018
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:

L6999557

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 02/22/18 18:04 DE36

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

Order Number:	L6999557
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	02-13-2018
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6999557-1	BTR 001	02/13/18 08:42am NA C	Customer

Received Date/Time/Temp 02/13/18 04:00pm 1.2 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
BIOCHEMICAL OXYGEN DEMAND, 5 DAY (DELAWA
METHOD 1664,HEXANE EXTRACTABLES(O+G)
TOTAL PHOSPHOROUS AS P (DELAWARE)
TOTAL SUSPENDED SOLIDS (DELAWARE)

Sample Comments | Result Qualifiers:

L6999557-1 :

PIN: 17237 Serial Number: 6414781

eurofins
Lancaster Laboratories
Environmental

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-6766 • www.EurofinsUS.com/LancLabsEnv

ANALYSIS REPORT

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: February 22, 2018 09:31

Project: L6999557

Account #: 21318
Group Number: 1908255
PO Number: BTR Hampstead WWTP
State of Sample Origin: MD

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

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

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Sample Description: L6999557-1 Grab Wastewater
BTR 001

Project Name: L6999557

Eurofins QC Laboratories
ELLE Sample #: WW 9454784
ELLE Group #: 1908255
Matrix: Wastewater

Submittal Date/Time: 02/13/2018 20:45
Collection Date/Time: 02/13/2018 08:42

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 365.1**		mg/l	mg/l	
00227	Total Phosphorus as P (water)	7723-14-0	N.D. Q8	0.10	1
	EPA 1664B		mg/l	mg/l	
08079	HEM (oil & grease)	n.a.	N.D.	5.0	1
	SM 2540 D-2011		mg/l	mg/l	
13858	Total Suspended Solids	n.a.	N.D.	6.00	1
	SM 5210 B-2011		mg/l	mg/l	
14108	Biochemical Oxygen Demand-BOD	n.a.	3.13	2.00	1

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00227	Total Phosphorus as P (water)	EPA 365.1	1	18046109102B	02/20/2018 14:01	Ashlynn M Cornelius	1
08263	Total Phos as P Prep (water)	EPA 365.1	1	18046109102B	02/15/2018 12:00	Akira Lloyd	1
08079	HEM (oil & grease)	EPA 1664B	1	18052807901A	02/21/2018 07:41	Yolunder Y Bunch	1
13858	Total Suspended Solids	SM 2540 D-2011	1	18048385803A	02/17/2018 12:38	Leroy C Poole	1
14108	Biochemical Oxygen Demand-BOD	SM 5210 B-2011	1	18045141082A	02/14/2018 11:02	Gaurang A Pandya	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 02/22/2018 09:31

Group Number: 1908255

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

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

Method Blank

Analysis Name	Result	LOQ
	mg/l	mg/l
Batch number: 18046109102B	Sample number(s): 9454784	
Total Phosphorus as P (water)	N.D.	0.10
Batch number: 18048385803A	Sample number(s): 9454784	
Total Suspended Solids	N.D.	3.00
Batch number: 18052807901A	Sample number(s): 9454784	
HEM (oil & grease)	N.D.	5.0

LCS/LCSD

Analysis Name	LCS Spike Added	LCS Conc	LCSD Spike Added	LCSD Conc	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l					
Batch number: 18046109102B	Sample number(s): 9454784								
Total Phosphorus as P (water)	2.73	2.69			98		90-110		
	mg/l	mg/l	mg/l	mg/l					
Batch number: 18045141082A	Sample number(s): 9454784								
Biochemical Oxygen Demand-BOD	198	174.2			88		85-115		
Batch number: 18048385803A	Sample number(s): 9454784								
Total Suspended Solids	150	148.3			99		89-105		
Batch number: 18052807901A	Sample number(s): 9454784								
HEM (oil & grease)	40	34.4	40	34.9	86	87	78-114	1	13

MS/MSD

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

Analysis Name	Unspiked Conc	MS Spike Added	MS Conc	MSD Spike Added	MSD Conc	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 18046109102B	Sample number(s): 9454784 UNSPK: P454991									
Total Phosphorus as P (water)	0.463	2.00	2.58			106		90-110		

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 02/22/2018 09:31

Group Number: 1908255

MS/MSD

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

Analysis Name	Unspiked Conc	MS Spike Added	MS Conc	MSD Spike Added	MSD Conc	MS %Rec	MSD %Rec	MS/MSD Limits	RPD	RPD Max
	mg/l	mg/l	mg/l	mg/l	mg/l					
	mg/l	mg/l	mg/l	mg/l	mg/l					
Batch number: 18052807901A	Sample number(s): 9454784 UNSPK: P454442									
HEM (oil & grease)	N.D.	43	36.88			86		78-114		

Laboratory Duplicate

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

Analysis Name	BKG Conc	DUP Conc	DUP RPD	DUP RPD Max
	mg/l	mg/l		
Batch number: 18046109102B	Sample number(s): 9454784 BKG: P454991			
Total Phosphorus as P (water)	0.463	0.427	8* (1)	4
	mg/l	mg/l		
Batch number: 18045141082A	Sample number(s): 9454784 BKG: P455047			
Biochemical Oxygen Demand-BOD	135.9	134.3	1	28
Batch number: 18048385803A	Sample number(s): 9454784 BKG: P454646			
Total Suspended Solids	107	106	1 (1)	5

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

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Analytical Report

Serialized: 03/26/2018 07:48pm DE36

Order Number:	L7000392
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	03-13-2018
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:

L7000392

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 03/26/18 19:48 DE36

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

Order Number: L7000392
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 03-13-2018
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L7000392-1	BTR 001 GRAB	03/13/18 08:15am NA C	Customer

Received Date/Time/Temp 03/13/18 05:00pm 5.0 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
BIOCHEMICAL OXYGEN DEMAND, 5 DAY
METHOD 1664,HEXANE EXTRACTABLES(O+G)
TOTAL SUSPENDED SOLIDS

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L7000392-2	BTR 001 COMP	03/13/18 08:17am NA C	Customer

Received Date/Time/Temp 03/13/18 05:00pm 5.0 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

Eurofins - Lancaster Laboratories, Environmental (ELLE)
TOTAL PHOSPHOROUS AS P

Sample Comments | Result Qualifiers:

L7000392-1 :

L7000392-2 :

PIN: 17237 Serial Number: 6421371

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ANALYSIS REPORT

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: March 26, 2018 07:40

Project: L7000392

Account #: 21318
Group Number: 1918890
PO Number: BTR Hampstead WWTP
State of Sample Origin: MD

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

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

Sample Description: L7000392-1 Grab Wastewater
BTR 001

Project Name: L7000392

Submittal Date/Time: 03/14/2018 05:05
Collection Date/Time: 03/13/2018 08:15

Eurofins QC Laboratories
ELLE Sample #: WW 9502576
ELLE Group #: 1918890
Matrix: Wastewater

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 1664B**		mg/l	mg/l	
08079	HEM (oil & grease)	n.a.	N.D.	5.0	1
	SM 2540 D-2011		mg/l	mg/l	
13858	Total Suspended Solids	n.a.	N.D.	3.00	1
	SM 5210 B-2011		mg/l	mg/l	
14108	Biochemical Oxygen Demand-BOD	n.a.	N.D. Q0	2.00	1

The recovery of the Laboratory Control Spike is outside the QC acceptance limit as noted on the QC Summary. Since the method holding time has expired the analysis was not repeated.

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08079	HEM (oil & grease)	EPA 1664B	1	18082807902A	03/23/2018 17:41	Huyen Dao-Kendig	1
13858	Total Suspended Solids	SM 2540 D-2011	1	18075385802A	03/16/2018 10:16	Angelica Cintron	1
14108	Biochemical Oxygen Demand-BOD	SM 5210 B-2011	1	18073141083A	03/14/2018 20:44	Joseph Knisely	1

Sample Description: L7000392-2 Composite Wastewater
BTR 001 COMP

Project Name: L7000392

Submittal Date/Time: 03/14/2018 05:05
Collection Date/Time: 03/13/2018 08:17

Eurofins QC Laboratories
ELLE Sample #: WW 9502577
ELLE Group #: 1918890
Matrix: Wastewater

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 365.1**		mg/l	mg/l	
00227	Total Phosphorus as P (water)	7723-14-0	N.D.	0.10	1

Sample Comments

Preservation requirements were not met. The pH preservation of all non-volatile containers was checked upon receipt at the laboratory. The container for the following analysis was not within specification and was adjusted accordingly by the laboratory: Total Phosphorus as P (water)

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

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Analytical Report

Serialized: 03/26/2018 12:09pm DE36

Order Number:	L7005995
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	03-13-2018
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:

L7005995

Authorized by: Ronald T. Fazio, President

Eurofins QC, Inc.

Analytical Report

Printed 03/26/18 12:09 DE36

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

Order Number:	L7005995
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	03-13-2018
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L7005995-1	BTR 201	03/13/18 08:48am NA C	Customer

Received Date/Time/Temp 03/13/18 05:00pm 5.0 C **Iced (Y/N):** Y

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L7005995-1 :

eurofins | Lancaster Laboratories Environmental

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ANALYSIS REPORT

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
702 Electronic Drive
Horsham PA 19044

Report Date: March 25, 2018 12:15

Project: L7005995

Account #: 21318
Group Number: 1918893
PO Number: BTR Hampstead WWTP
State of Sample Origin: MD

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

Electronic Copy To Eurofins QC Laboratories Attn: Nicki Smith

Respectfully Submitted,

Wendy A. Kozma
Principal Specialist Group Leader

Sample Description: L7005995-1 Grab Wastewater
BTR 201

Project Name: L7005995

Submittal Date/Time: 03/14/2018 05:05
Collection Date/Time: 03/13/2018 08:48

Eurofins QC Laboratories
ELLE Sample #: WW 9502580
ELLE Group #: 1918893
Matrix: Wastewater

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U180811AA	03/22/2018 17:25	Joshua S Hess	1

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(FEBRUARY 2018)

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: 500-140898-1
Client Project/Site: Black and Decker
Revision: 1

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

Attn: Greg Flasinski

Authorized for release by:
2/27/2018 2:00:38 PM

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

Table of Contents

Job ID: 500-140898-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-140898-1

Revised Report
Lab sample 17 was not included in the orignal report due to a lab error.

Receipt
The samples were received on 2/14/2018 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOA
Method(s) 8260B: The following samples detected Methylene Chloride just below the reporting limit: RFW-1A (500-140898-11), RFW-1B (500-140898-12) and RFW-7 (500-140898-20). The method blanks associated with the samples did not detect Methylene Chloride. Methylene Chloride is a known lab contaminant and the low level results should be suspected lab contamination.
RFW-1A (500-140898-11), RFW-1B (500-140898-12) and RFW-7 (500-140898-20)

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: 500-140898-1

Client Sample ID: EW-2 — Lab Sample ID: 500-140898-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	100		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: 500-140898-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	29		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4 — Lab Sample ID: 500-140898-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	38		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.0		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-5 — Lab Sample ID: 500-140898-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	83		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.8		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-6 — Lab Sample ID: 500-140898-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.6		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7 — Lab Sample ID: 500-140898-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.3		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	4.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	12		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8 — Lab Sample ID: 500-140898-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	7.2		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: 500-140898-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.58		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	80		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 DUP — Lab Sample ID: 500-140898-9

This Detection Summary does not include radiochemical test results.

Client Sample ID: EW-9 DUP (Continued) — Lab Sample ID: 500-140898-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.54		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	81		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-10 — Lab Sample ID: 500-140898-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-1A — Lab Sample ID: 500-140898-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.8	J	5.0	1.6	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-1B — Lab Sample ID: 500-140898-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.6	J	5.0	1.6	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-2A — Lab Sample ID: 500-140898-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.49	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-2B — Lab Sample ID: 500-140898-14

No Detections.

Client Sample ID: RFW-3B — Lab Sample ID: 500-140898-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A — Lab Sample ID: 500-140898-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.75	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.1	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	25		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A DUP — Lab Sample ID: 500-140898-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.68	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.1	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	25		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4B — Lab Sample ID: 500-140898-18

This Detection Summary does not include radiochemical test results.

Client Sample ID: RFW-4B (Continued) — Lab Sample ID: 500-140898-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.6	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	48		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	61		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-6 — Lab Sample ID: 500-140898-19

No Detections.

Client Sample ID: RFW-7 — Lab Sample ID: 500-140898-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.0	J	5.0	1.6	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-9 — Lab Sample ID: 500-140898-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.3		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-11B — Lab Sample ID: 500-140898-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.3		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-12B — Lab Sample ID: 500-140898-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	100		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.0		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-13 — Lab Sample ID: 500-140898-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.95	J	1.0	0.35	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	2.4		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-17 — Lab Sample ID: 500-140898-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.6		0.50	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-140898-26

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

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

TestAmerica Job ID: 500-140898-1

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

Sample Summary

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

TestAmerica Job ID: 500-140898-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-140898-1	EW-2	Water	02/11/18 16:30	02/14/18 09:45
500-140898-2	EW-3	Water	02/11/18 16:20	02/14/18 09:45
500-140898-3	EW-4	Water	02/11/18 16:10	02/14/18 09:45
500-140898-4	EW-5	Water	02/11/18 15:45	02/14/18 09:45
500-140898-5	EW-6	Water	02/11/18 13:55	02/14/18 09:45
500-140898-6	EW-7	Water	02/11/18 13:45	02/14/18 09:45
500-140898-7	EW-8	Water	02/11/18 13:35	02/14/18 09:45
500-140898-8	EW-9	Water	02/11/18 13:15	02/14/18 09:45
500-140898-9	EW-9 DUP	Water	02/11/18 13:15	02/14/18 09:45
500-140898-10	EW-10	Water	02/11/18 13:00	02/14/18 09:45
500-140898-11	RFW-1A	Water	02/11/18 10:00	02/14/18 09:45
500-140898-12	RFW-1B	Water	02/11/18 11:00	02/14/18 09:45
500-140898-13	RFW-2A	Water	02/12/18 09:00	02/14/18 09:45
500-140898-14	RFW-2B	Water	02/12/18 09:50	02/14/18 09:45
500-140898-15	RFW-3B	Water	02/12/18 07:45	02/14/18 09:45
500-140898-16	RFW-4A	Water	02/12/18 14:30	02/14/18 09:45
500-140898-17	RFW-4A DUP	Water	02/12/18 14:30	02/14/18 09:45
500-140898-18	RFW-4B	Water	02/12/18 15:25	02/14/18 09:45
500-140898-19	RFW-6	Water	02/11/18 15:20	02/14/18 09:45
500-140898-20	RFW-7	Water	02/11/18 12:35	02/14/18 09:45
500-140898-21	RFW-9	Water	02/12/18 12:25	02/14/18 09:45
500-140898-22	RFW-11B	Water	02/12/18 13:25	02/14/18 09:45
500-140898-23	RFW-12B	Water	02/12/18 16:35	02/14/18 09:45
500-140898-24	RFW-13	Water	02/12/18 12:25	02/14/18 09:45
500-140898-25	RFW-17	Water	02/12/18 11:20	02/14/18 09:45
500-140898-26	Trip Blank	Water	02/11/18 07:00	02/14/18 09:45

Client Sample ID: EW-2
Date Collected: 02/11/18 16:30
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-1
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			02/23/18 10:33	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 10:33	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 10:33	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 10:33	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 10:33	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 10:33	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 10:33	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 10:33	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 10:33	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 10:33	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 10:33	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 10:33	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 10:33	1
cis-1,2-Dichloroethene	2.5		1.0	0.41	ug/L			02/23/18 10:33	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 10:33	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 10:33	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 10:33	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 10:33	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 10:33	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 10:33	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
Trichloroethene	100		0.50	0.16	ug/L			02/23/18 10:33	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 10:33	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 10:33	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 10:33	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 10:33	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 10:33	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 10:33	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 10:33	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 10:33	1
Tetrachloroethene	49		1.0	0.37	ug/L			02/23/18 10:33	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 10:33	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 10:33	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 10:33	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 10:33	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 10:33	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 10:33	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 10:33	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 10:33	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 10:33	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 10:33	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 10:33	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 10:33	1

Client Sample ID: EW-2
Date Collected: 02/11/18 16:30
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-1
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/23/18 10:33	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 10:33	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:33	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:33	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:33	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 10:33	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:33	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:33	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 10:33	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 10:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 10:33	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 10:33	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 10:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*02/23/18 10:33*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*02/23/18 10:33*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*02/23/18 10:33*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*02/23/18 10:33*	*1*

Client Sample ID: EW-3
Date Collected: 02/11/18 16:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-2
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			02/23/18 10:59	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 10:59	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 10:59	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 10:59	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 10:59	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 10:59	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 10:59	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 10:59	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 10:59	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 10:59	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 10:59	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 10:59	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 10:59	1
cis-1,2-Dichloroethene	2.0		1.0	0.41	ug/L			02/23/18 10:59	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 10:59	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 10:59	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 10:59	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 10:59	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 10:59	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 10:59	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
Trichloroethene	29		0.50	0.16	ug/L			02/23/18 10:59	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 10:59	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 10:59	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 10:59	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 10:59	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 10:59	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 10:59	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 10:59	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 10:59	1
Tetrachloroethene	1.3		1.0	0.37	ug/L			02/23/18 10:59	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 10:59	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 10:59	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 10:59	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 10:59	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 10:59	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 10:59	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 10:59	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 10:59	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 10:59	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 10:59	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 10:59	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 10:59	1

Client Sample ID: EW-3
Date Collected: 02/11/18 16:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-2
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/23/18 10:59	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 10:59	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:59	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:59	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:59	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:59	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 10:59	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:59	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:59	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 10:59	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 10:59	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 10:59	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 10:59	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 10:59	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*02/23/18 10:59*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*02/23/18 10:59*	*1*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*02/23/18 10:59*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*02/23/18 10:59*	*1*

Client Sample ID: EW-4
Date Collected: 02/11/18 16:10
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-3
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			02/23/18 11:26	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 11:26	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 11:26	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 11:26	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 11:26	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 11:26	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 11:26	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 11:26	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 11:26	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 11:26	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 11:26	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 11:26	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 11:26	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 11:26	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 11:26	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 11:26	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 11:26	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 11:26	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 11:26	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 11:26	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
Trichloroethene	38		0.50	0.16	ug/L			02/23/18 11:26	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 11:26	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 11:26	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 11:26	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 11:26	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 11:26	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 11:26	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 11:26	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 11:26	1
Tetrachloroethene	3.0		1.0	0.37	ug/L			02/23/18 11:26	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 11:26	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 11:26	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 11:26	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 11:26	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 11:26	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 11:26	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 11:26	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 11:26	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 11:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 11:26	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 11:26	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 11:26	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 11:26	1

Client Sample ID: EW-4
Date Collected: 02/11/18 16:10
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-3
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/23/18 11:26	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 11:26	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 11:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 11:26	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 11:26	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 11:26	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 11:26	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 11:26	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 11:26	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 11:26	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 11:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 11:26	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 11:26	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 11:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*02/23/18 11:26*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/23/18 11:26*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/23/18 11:26*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*02/23/18 11:26*	*1*

Client Sample ID: EW-5
Date Collected: 02/11/18 15:45
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-4
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			02/23/18 11:52	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 11:52	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 11:52	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 11:52	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 11:52	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 11:52	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 11:52	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 11:52	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 11:52	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 11:52	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 11:52	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 11:52	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 11:52	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 11:52	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 11:52	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 11:52	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 11:52	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 11:52	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 11:52	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 11:52	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
Trichloroethene	83		0.50	0.16	ug/L			02/23/18 11:52	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 11:52	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 11:52	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 11:52	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 11:52	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 11:52	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 11:52	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 11:52	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 11:52	1
Tetrachloroethene	2.8		1.0	0.37	ug/L			02/23/18 11:52	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 11:52	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 11:52	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 11:52	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 11:52	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 11:52	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 11:52	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 11:52	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 11:52	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 11:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 11:52	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 11:52	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 11:52	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 11:52	1

Client Sample ID: EW-5
Date Collected: 02/11/18 15:45
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-4
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			02/23/18 11:52	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 11:52	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 11:52	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 11:52	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 11:52	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 11:52	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 11:52	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 11:52	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 11:52	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 11:52	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 11:52	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 11:52	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 11:52	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 11:52	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*02/23/18 11:52*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*02/23/18 11:52*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*02/23/18 11:52*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/23/18 11:52*	*1*

Client Sample ID: EW-6
Date Collected: 02/11/18 13:55
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-5
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			02/23/18 12:19	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 12:19	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 12:19	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 12:19	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 12:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 12:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 12:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 12:19	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 12:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 12:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 12:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 12:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 12:19	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 12:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 12:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 12:19	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 12:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 12:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 12:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 12:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
Trichloroethene	5.6		0.50	0.16	ug/L			02/23/18 12:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 12:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 12:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 12:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 12:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 12:19	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 12:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 12:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 12:19	1
Tetrachloroethene	8.2		1.0	0.37	ug/L			02/23/18 12:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 12:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 12:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 12:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 12:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 12:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 12:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 12:19	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 12:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 12:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 12:19	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 12:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 12:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 12:19	1

Client Sample ID: EW-6
Date Collected: 02/11/18 13:55
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-5
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			02/23/18 12:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 12:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 12:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 12:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 12:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 12:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 12:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 12:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 12:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 12:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 12:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 12:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 12:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 12:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*02/23/18 12:19*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*02/23/18 12:19*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/23/18 12:19*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/23/18 12:19*	*1*

Client Sample ID: EW-7
Date Collected: 02/11/18 13:45
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-6
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			02/23/18 12:45	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 12:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 12:45	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 12:45	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 12:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 12:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 12:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 12:45	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 12:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 12:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 12:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 12:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 12:45	1
cis-1,2-Dichloroethene	6.3		1.0	0.41	ug/L			02/23/18 12:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 12:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 12:45	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 12:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 12:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 12:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 12:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
Trichloroethene	4.5		0.50	0.16	ug/L			02/23/18 12:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 12:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 12:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 12:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 12:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 12:45	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 12:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 12:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 12:45	1
Tetrachloroethene	12		1.0	0.37	ug/L			02/23/18 12:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 12:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 12:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 12:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 12:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 12:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 12:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 12:45	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 12:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 12:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 12:45	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 12:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 12:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 12:45	1

Client Sample ID: EW-7
Date Collected: 02/11/18 13:45
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-6
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/23/18 12:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 12:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 12:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 12:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 12:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 12:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 12:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 12:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 12:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 12:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 12:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 12:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 12:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 12:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/23/18 12:45*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*02/23/18 12:45*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*02/23/18 12:45*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/23/18 12:45*	*1*

Client Sample ID: EW-8
Date Collected: 02/11/18 13:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-7
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			02/23/18 13:11	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 13:11	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 13:11	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 13:11	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 13:11	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 13:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 13:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 13:11	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 13:11	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 13:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 13:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 13:11	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 13:11	1
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L			02/23/18 13:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 13:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 13:11	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 13:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 13:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 13:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 13:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
Trichloroethene	7.2		0.50	0.16	ug/L			02/23/18 13:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 13:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 13:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 13:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 13:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 13:11	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 13:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 13:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 13:11	1
Tetrachloroethene	63		1.0	0.37	ug/L			02/23/18 13:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 13:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 13:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 13:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 13:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 13:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 13:11	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 13:11	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 13:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 13:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 13:11	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 13:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 13:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 13:11	1

Client Sample ID: EW-8
Date Collected: 02/11/18 13:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-7
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			02/23/18 13:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 13:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 13:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 13:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 13:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 13:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 13:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 13:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 13:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 13:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 13:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 13:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 13:11	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 13:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/23/18 13:11*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*02/23/18 13:11*	*1*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*		*02/23/18 13:11*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*02/23/18 13:11*	*1*

Client Sample ID: EW-9
Date Collected: 02/11/18 13:15
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-8
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			02/23/18 13:38	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 13:38	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 13:38	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 13:38	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 13:38	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 13:38	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 13:38	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 13:38	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 13:38	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 13:38	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 13:38	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 13:38	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 13:38	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 13:38	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 13:38	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 13:38	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 13:38	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 13:38	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 13:38	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 13:38	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
Trichloroethene	0.58		0.50	0.16	ug/L			02/23/18 13:38	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 13:38	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 13:38	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 13:38	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 13:38	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 13:38	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 13:38	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 13:38	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 13:38	1
Tetrachloroethene	80		1.0	0.37	ug/L			02/23/18 13:38	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 13:38	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 13:38	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 13:38	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 13:38	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 13:38	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 13:38	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 13:38	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 13:38	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 13:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 13:38	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 13:38	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 13:38	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 13:38	1

Client Sample ID: EW-9
Date Collected: 02/11/18 13:15
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-8
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			02/23/18 13:38	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 13:38	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 13:38	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 13:38	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 13:38	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 13:38	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 13:38	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 13:38	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 13:38	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 13:38	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 13:38	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 13:38	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 13:38	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 13:38	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*02/23/18 13:38*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*02/23/18 13:38*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*02/23/18 13:38*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/23/18 13:38*	*1*

Client Sample ID: EW-9 DUP
Date Collected: 02/11/18 13:15
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-9
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			02/23/18 14:05	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 14:05	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 14:05	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 14:05	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 14:05	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 14:05	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 14:05	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 14:05	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 14:05	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 14:05	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 14:05	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 14:05	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 14:05	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 14:05	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 14:05	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 14:05	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 14:05	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 14:05	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 14:05	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 14:05	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
Trichloroethene	0.54		0.50	0.16	ug/L			02/23/18 14:05	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 14:05	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 14:05	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 14:05	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 14:05	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 14:05	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 14:05	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 14:05	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 14:05	1
Tetrachloroethene	81		1.0	0.37	ug/L			02/23/18 14:05	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 14:05	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 14:05	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 14:05	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 14:05	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 14:05	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 14:05	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 14:05	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 14:05	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:05	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 14:05	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 14:05	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 14:05	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 14:05	1

Client Sample ID: EW-9 DUP
Date Collected: 02/11/18 13:15
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-9
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			02/23/18 14:05	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 14:05	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:05	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:05	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:05	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:05	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 14:05	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:05	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:05	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 14:05	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 14:05	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 14:05	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 14:05	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 14:05	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*02/23/18 14:05*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*02/23/18 14:05*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/23/18 14:05*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/23/18 14:05*	*1*

Client Sample ID: EW-10
Date Collected: 02/11/18 13:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-10
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/23/18 14:31	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 14:31	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 14:31	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 14:31	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 14:31	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 14:31	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 14:31	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 14:31	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 14:31	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 14:31	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 14:31	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 14:31	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 14:31	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 14:31	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 14:31	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 14:31	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 14:31	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 14:31	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 14:31	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 14:31	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/23/18 14:31	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 14:31	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 14:31	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 14:31	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 14:31	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 14:31	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 14:31	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 14:31	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 14:31	1
Tetrachloroethene	1.7		1.0	0.37	ug/L			02/23/18 14:31	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 14:31	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 14:31	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 14:31	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 14:31	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 14:31	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 14:31	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 14:31	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 14:31	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 14:31	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 14:31	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 14:31	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 14:31	1

Client Sample ID: EW-10
Date Collected: 02/11/18 13:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-10
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			02/23/18 14:31	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 14:31	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:31	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:31	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:31	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:31	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 14:31	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:31	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:31	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 14:31	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 14:31	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 14:31	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 14:31	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 14:31	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/23/18 14:31*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*02/23/18 14:31*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*02/23/18 14:31*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/23/18 14:31*	*1*

Client Sample ID: RFW-1A
Date Collected: 02/11/18 10:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-11
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			02/23/18 14:58	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 14:58	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 14:58	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 14:58	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 14:58	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 14:58	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 14:58	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 14:58	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 14:58	1
Methylene Chloride	2.8	J	5.0	1.6	ug/L			02/23/18 14:58	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 14:58	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 14:58	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 14:58	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 14:58	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 14:58	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 14:58	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 14:58	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 14:58	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 14:58	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 14:58	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/23/18 14:58	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 14:58	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 14:58	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 14:58	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 14:58	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 14:58	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 14:58	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 14:58	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 14:58	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/23/18 14:58	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 14:58	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 14:58	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 14:58	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 14:58	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 14:58	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 14:58	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 14:58	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 14:58	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:58	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 14:58	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 14:58	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 14:58	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 14:58	1

Client Sample ID: RFW-1A
Date Collected: 02/11/18 10:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-11
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			02/23/18 14:58	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 14:58	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:58	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:58	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:58	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 14:58	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 14:58	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 14:58	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 14:58	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 14:58	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 14:58	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 14:58	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 14:58	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 14:58	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/23/18 14:58*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*02/23/18 14:58*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*02/23/18 14:58*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*02/23/18 14:58*	*1*

Client Sample ID: RFW-1B
Date Collected: 02/11/18 11:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-12
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			02/23/18 15:25	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 15:25	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 15:25	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 15:25	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 15:25	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 15:25	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 15:25	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 15:25	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 15:25	1
Methylene Chloride	2.6	J	5.0	1.6	ug/L			02/23/18 15:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 15:25	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 15:25	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 15:25	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 15:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 15:25	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 15:25	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 15:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 15:25	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 15:25	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 15:25	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/23/18 15:25	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 15:25	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 15:25	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 15:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 15:25	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 15:25	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 15:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 15:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 15:25	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/23/18 15:25	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 15:25	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 15:25	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 15:25	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 15:25	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 15:25	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 15:25	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 15:25	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 15:25	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 15:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 15:25	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 15:25	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 15:25	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 15:25	1

Client Sample ID: RFW-1B
Date Collected: 02/11/18 11:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-12
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			02/23/18 15:25	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 15:25	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 15:25	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 15:25	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 15:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 15:25	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 15:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 15:25	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 15:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 15:25	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 15:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 15:25	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 15:25	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 15:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*02/23/18 15:25*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*02/23/18 15:25*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*02/23/18 15:25*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/23/18 15:25*	*1*

Client Sample ID: RFW-2A
Date Collected: 02/12/18 09:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-13
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			02/23/18 15:51	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 15:51	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 15:51	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 15:51	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 15:51	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 15:51	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 15:51	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 15:51	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 15:51	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 15:51	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 15:51	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 15:51	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 15:51	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 15:51	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 15:51	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 15:51	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 15:51	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 15:51	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 15:51	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 15:51	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
Trichloroethene	0.49	J	0.50	0.16	ug/L			02/23/18 15:51	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 15:51	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 15:51	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 15:51	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 15:51	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 15:51	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 15:51	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 15:51	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 15:51	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/23/18 15:51	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 15:51	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 15:51	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 15:51	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 15:51	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 15:51	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 15:51	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 15:51	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 15:51	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 15:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 15:51	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 15:51	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 15:51	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 15:51	1

Client Sample ID: RFW-2A
Date Collected: 02/12/18 09:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-13
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			02/23/18 15:51	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 15:51	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 15:51	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 15:51	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 15:51	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 15:51	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 15:51	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 15:51	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 15:51	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 15:51	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 15:51	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 15:51	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 15:51	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 15:51	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*02/23/18 15:51*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*02/23/18 15:51*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*02/23/18 15:51*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*02/23/18 15:51*	*1*

Client Sample ID: RFW-2B
Date Collected: 02/12/18 09:50
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-14
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/23/18 16:18	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 16:18	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 16:18	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 16:18	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 16:18	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 16:18	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 16:18	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 16:18	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 16:18	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 16:18	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 16:18	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 16:18	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 16:18	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 16:18	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 16:18	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 16:18	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 16:18	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 16:18	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 16:18	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 16:18	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/23/18 16:18	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 16:18	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 16:18	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 16:18	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 16:18	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 16:18	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 16:18	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 16:18	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 16:18	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/23/18 16:18	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 16:18	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 16:18	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 16:18	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 16:18	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 16:18	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 16:18	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 16:18	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 16:18	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 16:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 16:18	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 16:18	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 16:18	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 16:18	1

Client Sample ID: RFW-2B
Date Collected: 02/12/18 09:50
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-14
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			02/23/18 16:18	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 16:18	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 16:18	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 16:18	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 16:18	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 16:18	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 16:18	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 16:18	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 16:18	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 16:18	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 16:18	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 16:18	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 16:18	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 16:18	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*02/23/18 16:18*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*02/23/18 16:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*02/23/18 16:18*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/23/18 16:18*	*1*

Client Sample ID: RFW-3B
Date Collected: 02/12/18 07:45
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-15
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			02/23/18 16:44	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 16:44	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 16:44	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 16:44	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 16:44	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 16:44	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 16:44	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 16:44	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 16:44	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 16:44	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 16:44	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 16:44	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 16:44	1
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L			02/23/18 16:44	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 16:44	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 16:44	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 16:44	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 16:44	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 16:44	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 16:44	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/23/18 16:44	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 16:44	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 16:44	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 16:44	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 16:44	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 16:44	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 16:44	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 16:44	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 16:44	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/23/18 16:44	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 16:44	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 16:44	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 16:44	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 16:44	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 16:44	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 16:44	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 16:44	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 16:44	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 16:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 16:44	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 16:44	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 16:44	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 16:44	1

Client Sample ID: RFW-3B
Date Collected: 02/12/18 07:45
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-15
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			02/23/18 16:44	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 16:44	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 16:44	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 16:44	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 16:44	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 16:44	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 16:44	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 16:44	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 16:44	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 16:44	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 16:44	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 16:44	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 16:44	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 16:44	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/23/18 16:44*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*02/23/18 16:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*02/23/18 16:44*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/23/18 16:44*	*1*

Client Sample ID: RFW-4A
Date Collected: 02/12/18 14:30
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-16
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			02/23/18 17:11	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 17:11	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 17:11	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 17:11	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 17:11	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 17:11	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 17:11	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 17:11	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 17:11	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 17:11	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 17:11	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 17:11	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 17:11	1
cis-1,2-Dichloroethene	0.75	J	1.0	0.41	ug/L			02/23/18 17:11	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 17:11	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 17:11	1
Chloroform	1.1	J	2.0	0.37	ug/L			02/23/18 17:11	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 17:11	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 17:11	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 17:11	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
Trichloroethene	25		0.50	0.16	ug/L			02/23/18 17:11	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 17:11	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 17:11	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 17:11	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 17:11	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 17:11	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 17:11	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 17:11	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 17:11	1
Tetrachloroethene	7.3		1.0	0.37	ug/L			02/23/18 17:11	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 17:11	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 17:11	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 17:11	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 17:11	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 17:11	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 17:11	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 17:11	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 17:11	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 17:11	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 17:11	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 17:11	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 17:11	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 17:11	1

Client Sample Results

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

TestAmerica Job ID: 500-140898-1

Client Sample ID: RFW-4A
Date Collected: 02/12/18 14:30
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-16
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			02/23/18 17:11	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 17:11	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 17:11	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 17:11	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 17:11	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 17:11	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 17:11	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 17:11	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 17:11	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 17:11	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 17:11	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 17:11	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 17:11	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 17:11	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*02/23/18 17:11*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*02/23/18 17:11*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*02/23/18 17:11*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*02/23/18 17:11*	*1*

Client Sample ID: RFW-4A DUP
Date Collected: 02/12/18 14:30
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-17
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			02/23/18 17:37	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 17:37	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 17:37	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 17:37	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 17:37	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 17:37	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 17:37	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 17:37	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 17:37	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 17:37	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 17:37	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 17:37	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 17:37	1
cis-1,2-Dichloroethene	0.68	J	1.0	0.41	ug/L			02/23/18 17:37	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 17:37	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 17:37	1
Chloroform	1.1	J	2.0	0.37	ug/L			02/23/18 17:37	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 17:37	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 17:37	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 17:37	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
Trichloroethene	25		0.50	0.16	ug/L			02/23/18 17:37	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 17:37	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 17:37	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 17:37	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 17:37	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 17:37	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 17:37	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 17:37	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 17:37	1
Tetrachloroethene	7.2		1.0	0.37	ug/L			02/23/18 17:37	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 17:37	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 17:37	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 17:37	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 17:37	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 17:37	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 17:37	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 17:37	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 17:37	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 17:37	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 17:37	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 17:37	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 17:37	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 17:37	1

Client Sample ID: RFW-4A DUP
Date Collected: 02/12/18 14:30
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-17
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			02/23/18 17:37	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 17:37	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 17:37	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 17:37	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 17:37	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 17:37	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 17:37	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 17:37	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 17:37	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 17:37	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 17:37	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 17:37	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 17:37	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 17:37	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/23/18 17:37*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*02/23/18 17:37*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/23/18 17:37*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/23/18 17:37*	*1*

Client Sample ID: RFW-4B
Date Collected: 02/12/18 15:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-18
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/23/18 18:04	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 18:04	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 18:04	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 18:04	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 18:04	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 18:04	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 18:04	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 18:04	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 18:04	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 18:04	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 18:04	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 18:04	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 18:04	1
cis-1,2-Dichloroethene	2.5		1.0	0.41	ug/L			02/23/18 18:04	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 18:04	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 18:04	1
Chloroform	1.6	J	2.0	0.37	ug/L			02/23/18 18:04	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 18:04	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 18:04	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 18:04	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
Trichloroethene	48		0.50	0.16	ug/L			02/23/18 18:04	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 18:04	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 18:04	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 18:04	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 18:04	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 18:04	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 18:04	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 18:04	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 18:04	1
Tetrachloroethene	61		1.0	0.37	ug/L			02/23/18 18:04	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 18:04	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 18:04	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 18:04	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 18:04	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 18:04	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 18:04	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 18:04	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 18:04	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 18:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 18:04	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 18:04	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 18:04	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/23/18 18:04	1

Client Sample ID: RFW-4B
Date Collected: 02/12/18 15:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-18
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			02/23/18 18:04	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 18:04	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 18:04	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 18:04	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 18:04	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 18:04	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 18:04	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 18:04	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 18:04	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 18:04	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 18:04	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 18:04	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 18:04	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 18:04	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*02/23/18 18:04*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*02/23/18 18:04*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*02/23/18 18:04*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*02/23/18 18:04*	*1*

Client Sample ID: RFW-6
Date Collected: 02/11/18 15:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-19
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			02/24/18 10:59	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 10:59	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 10:59	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 10:59	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 10:59	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 10:59	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 10:59	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 10:59	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 10:59	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 10:59	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 10:59	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 10:59	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 10:59	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/24/18 10:59	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 10:59	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 10:59	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 10:59	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 10:59	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 10:59	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 10:59	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/24/18 10:59	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 10:59	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 10:59	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 10:59	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 10:59	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 10:59	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 10:59	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 10:59	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 10:59	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/24/18 10:59	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 10:59	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 10:59	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 10:59	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 10:59	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 10:59	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 10:59	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 10:59	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 10:59	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 10:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 10:59	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 10:59	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 10:59	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 10:59	1

Client Sample ID: RFW-6
Date Collected: 02/11/18 15:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-19
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			02/24/18 10:59	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 10:59	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 10:59	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 10:59	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 10:59	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 10:59	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 10:59	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 10:59	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 10:59	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 10:59	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 10:59	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 10:59	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 10:59	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 10:59	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*02/24/18 10:59*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*02/24/18 10:59*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/24/18 10:59*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*02/24/18 10:59*	*1*

Client Sample ID: RFW-7
Date Collected: 02/11/18 12:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-20
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/24/18 11:26	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 11:26	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 11:26	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 11:26	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 11:26	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 11:26	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 11:26	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 11:26	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 11:26	1
Methylene Chloride	3.0	J	5.0	1.6	ug/L			02/24/18 11:26	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 11:26	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 11:26	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 11:26	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/24/18 11:26	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 11:26	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 11:26	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 11:26	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 11:26	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 11:26	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 11:26	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/24/18 11:26	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 11:26	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 11:26	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 11:26	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 11:26	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 11:26	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 11:26	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 11:26	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 11:26	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/24/18 11:26	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 11:26	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 11:26	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 11:26	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 11:26	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 11:26	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 11:26	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 11:26	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 11:26	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 11:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 11:26	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 11:26	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 11:26	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 11:26	1

Client Sample ID: RFW-7
Date Collected: 02/11/18 12:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-20
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/24/18 11:26	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 11:26	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 11:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 11:26	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 11:26	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 11:26	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 11:26	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 11:26	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 11:26	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 11:26	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 11:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 11:26	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 11:26	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 11:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*02/24/18 11:26*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*02/24/18 11:26*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/24/18 11:26*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*02/24/18 11:26*	*1*

Client Sample ID: RFW-9
Date Collected: 02/12/18 12:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-21
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/24/18 11:53	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 11:53	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 11:53	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 11:53	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 11:53	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 11:53	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 11:53	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 11:53	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 11:53	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 11:53	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 11:53	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 11:53	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 11:53	1
cis-1,2-Dichloroethene	3.3		1.0	0.41	ug/L			02/24/18 11:53	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 11:53	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 11:53	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 11:53	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 11:53	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 11:53	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 11:53	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
Trichloroethene	1.6		0.50	0.16	ug/L			02/24/18 11:53	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 11:53	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 11:53	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 11:53	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 11:53	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 11:53	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 11:53	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 11:53	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 11:53	1
Tetrachloroethene	1.2		1.0	0.37	ug/L			02/24/18 11:53	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 11:53	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 11:53	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 11:53	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 11:53	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 11:53	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 11:53	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 11:53	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 11:53	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 11:53	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 11:53	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 11:53	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 11:53	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 11:53	1

Client Sample ID: RFW-9
Date Collected: 02/12/18 12:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-21
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/24/18 11:53	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 11:53	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 11:53	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 11:53	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 11:53	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 11:53	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 11:53	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 11:53	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 11:53	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 11:53	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 11:53	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 11:53	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 11:53	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 11:53	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*02/24/18 11:53*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*02/24/18 11:53*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*02/24/18 11:53*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*02/24/18 11:53*	*1*

Client Sample ID: RFW-11B
Date Collected: 02/12/18 13:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-22
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			02/24/18 12:19	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 12:19	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 12:19	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 12:19	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 12:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 12:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 12:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 12:19	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 12:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 12:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 12:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 12:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 12:19	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/24/18 12:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 12:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 12:19	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 12:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 12:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 12:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 12:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
Trichloroethene	1.3		0.50	0.16	ug/L			02/24/18 12:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 12:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 12:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 12:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 12:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 12:19	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 12:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 12:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 12:19	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/24/18 12:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 12:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 12:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 12:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 12:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 12:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 12:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 12:19	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 12:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 12:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 12:19	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 12:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 12:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 12:19	1

Client Sample ID: RFW-11B
Date Collected: 02/12/18 13:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-22
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/24/18 12:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 12:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 12:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 12:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 12:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 12:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 12:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 12:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 12:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 12:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 12:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 12:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 12:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 12:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*02/24/18 12:19*	*1*
Toluene-d8 (Surr)	*80*		*75 - 120*		*02/24/18 12:19*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*02/24/18 12:19*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/24/18 12:19*	*1*

Client Sample ID: RFW-12B
Date Collected: 02/12/18 16:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-23
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			02/24/18 12:46	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 12:46	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 12:46	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 12:46	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 12:46	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 12:46	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 12:46	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 12:46	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 12:46	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 12:46	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 12:46	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 12:46	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 12:46	1
cis-1,2-Dichloroethene	2.1		1.0	0.41	ug/L			02/24/18 12:46	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 12:46	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 12:46	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 12:46	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 12:46	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 12:46	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 12:46	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
Trichloroethene	100		0.50	0.16	ug/L			02/24/18 12:46	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 12:46	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 12:46	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 12:46	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 12:46	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 12:46	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 12:46	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 12:46	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 12:46	1
Tetrachloroethene	9.0		1.0	0.37	ug/L			02/24/18 12:46	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 12:46	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 12:46	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 12:46	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 12:46	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 12:46	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 12:46	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 12:46	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 12:46	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 12:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 12:46	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 12:46	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 12:46	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 12:46	1

Client Sample ID: RFW-12B
Date Collected: 02/12/18 16:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-23
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			02/24/18 12:46	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 12:46	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 12:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 12:46	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 12:46	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 12:46	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 12:46	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 12:46	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 12:46	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 12:46	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 12:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 12:46	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 12:46	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 12:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*02/24/18 12:46*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*02/24/18 12:46*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*		*02/24/18 12:46*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/24/18 12:46*	*1*

Client Sample ID: RFW-13
Date Collected: 02/12/18 12:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-24
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/24/18 13:12	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 13:12	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 13:12	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 13:12	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 13:12	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 13:12	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 13:12	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 13:12	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 13:12	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 13:12	1
trans-1,2-Dichloroethene	0.95	J	1.0	0.35	ug/L			02/24/18 13:12	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 13:12	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 13:12	1
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L			02/24/18 13:12	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 13:12	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 13:12	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 13:12	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 13:12	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 13:12	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 13:12	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
Trichloroethene	2.4		0.50	0.16	ug/L			02/24/18 13:12	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 13:12	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 13:12	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 13:12	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 13:12	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 13:12	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 13:12	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 13:12	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 13:12	1
Tetrachloroethene	13		1.0	0.37	ug/L			02/24/18 13:12	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 13:12	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 13:12	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 13:12	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 13:12	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 13:12	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 13:12	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 13:12	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 13:12	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 13:12	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 13:12	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 13:12	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 13:12	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 13:12	1

Client Sample ID: RFW-13
Date Collected: 02/12/18 12:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-24
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			02/24/18 13:12	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 13:12	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 13:12	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 13:12	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 13:12	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 13:12	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 13:12	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 13:12	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 13:12	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 13:12	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 13:12	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 13:12	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 13:12	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 13:12	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*02/24/18 13:12*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*02/24/18 13:12*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/24/18 13:12*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*02/24/18 13:12*	*1*

Client Sample ID: RFW-17
Date Collected: 02/12/18 11:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-25
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.6		0.50	0.15	ug/L			02/24/18 13:39	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 13:39	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 13:39	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 13:39	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 13:39	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 13:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 13:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 13:39	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 13:39	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 13:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 13:39	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 13:39	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 13:39	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/24/18 13:39	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 13:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 13:39	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 13:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 13:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 13:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 13:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/24/18 13:39	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 13:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 13:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 13:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 13:39	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 13:39	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 13:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 13:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 13:39	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/24/18 13:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 13:39	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 13:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 13:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 13:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 13:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 13:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 13:39	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 13:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 13:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 13:39	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 13:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 13:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 13:39	1

Client Sample ID: RFW-17
Date Collected: 02/12/18 11:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-25
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			02/24/18 13:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 13:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 13:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 13:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 13:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 13:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 13:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 13:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 13:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 13:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 13:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 13:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 13:39	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 13:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*02/24/18 13:39*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*02/24/18 13:39*	*1*
4-Bromofluorobenzene (Surr)	*82*		*72 - 124*		*02/24/18 13:39*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/24/18 13:39*	*1*

Client Sample ID: Trip Blank
Date Collected: 02/11/18 07:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-26
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/24/18 10:06	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 10:06	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 10:06	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 10:06	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 10:06	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 10:06	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 10:06	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 10:06	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 10:06	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 10:06	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 10:06	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 10:06	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 10:06	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/24/18 10:06	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 10:06	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 10:06	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 10:06	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 10:06	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 10:06	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 10:06	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/24/18 10:06	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 10:06	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 10:06	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 10:06	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 10:06	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 10:06	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 10:06	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 10:06	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 10:06	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/24/18 10:06	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/24/18 10:06	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 10:06	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 10:06	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 10:06	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 10:06	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 10:06	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 10:06	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 10:06	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 10:06	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 10:06	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 10:06	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 10:06	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 10:06	1

Client Sample ID: Trip Blank
Date Collected: 02/11/18 07:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-26
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			02/24/18 10:06	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 10:06	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 10:06	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 10:06	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 10:06	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 10:06	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 10:06	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 10:06	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 10:06	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 10:06	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 10:06	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 10:06	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 10:06	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 10:06	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*02/24/18 10:06*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*02/24/18 10:06*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*		*02/24/18 10:06*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*02/24/18 10:06*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

GC/MS VOA

Analysis Batch: 421200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-140898-1	EW-2	Total/NA	Water	8260B	
500-140898-2	EW-3	Total/NA	Water	8260B	
500-140898-3	EW-4	Total/NA	Water	8260B	
500-140898-4	EW-5	Total/NA	Water	8260B	
500-140898-5	EW-6	Total/NA	Water	8260B	
500-140898-6	EW-7	Total/NA	Water	8260B	
500-140898-7	EW-8	Total/NA	Water	8260B	
500-140898-8	EW-9	Total/NA	Water	8260B	
500-140898-9	EW-9 DUP	Total/NA	Water	8260B	
500-140898-10	EW-10	Total/NA	Water	8260B	
500-140898-11	RFW-1A	Total/NA	Water	8260B	
500-140898-12	RFW-1B	Total/NA	Water	8260B	
500-140898-13	RFW-2A	Total/NA	Water	8260B	
500-140898-14	RFW-2B	Total/NA	Water	8260B	
500-140898-15	RFW-3B	Total/NA	Water	8260B	
500-140898-16	RFW-4A	Total/NA	Water	8260B	
500-140898-17	RFW-4A DUP	Total/NA	Water	8260B	
500-140898-18	RFW-4B	Total/NA	Water	8260B	
MB 500-421200/6	Method Blank	Total/NA	Water	8260B	
LCS 500-421200/4	Lab Control Sample	Total/NA	Water	8260B	
500-140898-18 MS	RFW-4B	Total/NA	Water	8260B	
500-140898-18 MSD	RFW-4B	Total/NA	Water	8260B	

Analysis Batch: 421320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-140898-19	RFW-6	Total/NA	Water	8260B	
500-140898-20	RFW-7	Total/NA	Water	8260B	
500-140898-21	RFW-9	Total/NA	Water	8260B	
500-140898-22	RFW-11B	Total/NA	Water	8260B	
500-140898-23	RFW-12B	Total/NA	Water	8260B	
500-140898-24	RFW-13	Total/NA	Water	8260B	
500-140898-25	RFW-17	Total/NA	Water	8260B	
500-140898-26	Trip Blank	Total/NA	Water	8260B	
MB 500-421320/6	Method Blank	Total/NA	Water	8260B	
LCS 500-421320/4	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

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

TestAmerica Job ID: 500-140898-1

Method: 8260B - VOC
Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(75-126)	(75-120)	(72-124)	(75-120)
500-140898-1	EW-2	90	88	92	87
500-140898-2	EW-3	93	91	86	90
500-140898-3	EW-4	93	93	90	87
500-140898-4	EW-5	96	92	93	92
500-140898-5	EW-6	96	86	90	92
500-140898-6	EW-7	99	90	92	95
500-140898-7	EW-8	98	89	86	94
500-140898-8	EW-9	94	92	89	92
500-140898-9	EW-9 DUP	96	90	90	95
500-140898-10	EW-10	98	91	91	95
500-140898-11	RFW-1A	99	95	87	93
500-140898-12	RFW-1B	93	92	91	89
500-140898-13	RFW-2A	100	87	89	97
500-140898-14	RFW-2B	97	90	93	95
500-140898-15	RFW-3B	98	89	91	95
500-140898-16	RFW-4A	97	94	88	98
500-140898-17	RFW-4A DUP	98	90	90	92
500-140898-18	RFW-4B	97	95	97	98
500-140898-18 MS	RFW-4B	90	90	84	90
500-140898-18 MSD	RFW-4B	93	92	84	93
500-140898-19	RFW-6	96	90	90	94
500-140898-20	RFW-7	95	89	90	91
500-140898-21	RFW-9	97	97	88	93
500-140898-22	RFW-11B	98	80	91	95
500-140898-23	RFW-12B	94	94	87	92
500-140898-24	RFW-13	99	88	90	95
500-140898-25	RFW-17	88	99	82	89
500-140898-26	Trip Blank	95	92	89	93
LCS 500-421200/4	Lab Control Sample	87	93	80	83
LCS 500-421320/4	Lab Control Sample	88	90	91	90
MB 500-421200/6	Method Blank	96	93	92	94
MB 500-421320/6	Method Blank	95	80	90	93

Surrogate Legend

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

Method: 8260B - VOC

Lab Sample ID: MB 500-421200/6
Matrix: Water
Analysis Batch: 421200

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/23/18 10:06	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/23/18 10:06	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/23/18 10:06	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/23/18 10:06	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/23/18 10:06	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/23/18 10:06	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/23/18 10:06	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/23/18 10:06	1
Acetone	<5.0		5.0	1.7	ug/L			02/23/18 10:06	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/23/18 10:06	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/23/18 10:06	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/23/18 10:06	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/23/18 10:06	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/23/18 10:06	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/23/18 10:06	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/23/18 10:06	1
Chloroform	<2.0		2.0	0.37	ug/L			02/23/18 10:06	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/23/18 10:06	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/23/18 10:06	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/23/18 10:06	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/23/18 10:06	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/23/18 10:06	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/23/18 10:06	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/23/18 10:06	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/23/18 10:06	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/23/18 10:06	1
Toluene	<0.50		0.50	0.15	ug/L			02/23/18 10:06	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/23/18 10:06	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/23/18 10:06	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/23/18 10:06	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			02/23/18 10:06	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/23/18 10:06	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/23/18 10:06	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/23/18 10:06	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/23/18 10:06	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/23/18 10:06	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/23/18 10:06	1
Styrene	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
Bromoform	<1.0		1.0	0.48	ug/L			02/23/18 10:06	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:06	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/23/18 10:06	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/23/18 10:06	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/23/18 10:06	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-421200/6
Matrix: Water
Analysis Batch: 421200

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			02/23/18 10:06	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/23/18 10:06	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/23/18 10:06	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:06	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:06	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:06	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/23/18 10:06	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/23/18 10:06	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/23/18 10:06	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/23/18 10:06	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/23/18 10:06	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/23/18 10:06	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/23/18 10:06	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/23/18 10:06	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/23/18 10:06	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/23/18 10:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*02/23/18 10:06*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*02/23/18 10:06*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*02/23/18 10:06*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*02/23/18 10:06*	*1*

Lab Sample ID: LCS 500-421200/4
Matrix: Water
Analysis Batch: 421200

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	51.4		ug/L		103	70 - 120
Dichlorodifluoromethane	50.0	56.3		ug/L		113	40 - 150
Chloromethane	50.0	43.5		ug/L		87	54 - 147
Vinyl chloride	50.0	52.2		ug/L		104	64 - 126
Bromomethane	50.0	46.7		ug/L		93	40 - 130
Chloroethane	50.0	49.4		ug/L		99	45 - 127
Trichlorofluoromethane	50.0	47.1		ug/L		94	70 - 126
1,1-Dichloroethene	50.0	48.5		ug/L		97	67 - 122
Carbon disulfide	50.0	49.5		ug/L		99	66 - 120
Acetone	50.0	40.6		ug/L		81	40 - 143
Methylene Chloride	50.0	45.4		ug/L		91	69 - 125
trans-1,2-Dichloroethene	50.0	48.6		ug/L		97	70 - 125
1,1-Dichloroethane	50.0	48.5		ug/L		97	70 - 125
2,2-Dichloropropane	50.0	45.6		ug/L		91	58 - 129
cis-1,2-Dichloroethene	50.0	46.7		ug/L		93	70 - 125
Methyl Ethyl Ketone	50.0	44.5		ug/L		89	53 - 141
Bromochloromethane	50.0	47.2		ug/L		94	65 - 122
Chloroform	50.0	46.3		ug/L		93	70 - 120
1,1,1-Trichloroethane	50.0	49.9		ug/L		100	70 - 125
1,1-Dichloropropene	50.0	51.5		ug/L		103	70 - 121

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-421200/4
Matrix: Water
Analysis Batch: 421200

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	50.0	53.1		ug/L		106	65 - 122
1,2-Dichloroethane	50.0	51.7		ug/L		103	68 - 127
Trichloroethene	50.0	51.1		ug/L		102	70 - 125
1,2-Dichloropropane	50.0	49.7		ug/L		99	67 - 130
Dibromomethane	50.0	49.7		ug/L		99	70 - 120
Bromodichloromethane	50.0	49.4		ug/L		99	69 - 120
cis-1,3-Dichloropropene	50.0	49.9		ug/L		100	64 - 127
methyl isobutyl ketone	50.0	47.5		ug/L		95	56 - 133
Toluene	50.0	55.9		ug/L		112	70 - 125
trans-1,3-Dichloropropene	50.0	48.4		ug/L		97	62 - 128
1,1,2-Trichloroethane	50.0	53.3		ug/L		107	70 - 122
Tetrachloroethene	50.0	57.0		ug/L		114	70 - 128
1,3-Dichloropropane	50.0	49.5		ug/L		99	62 - 136
2-Hexanone	50.0	47.8		ug/L		96	56 - 135
Dibromochloromethane	50.0	54.2		ug/L		108	68 - 125
1,2-Dibromoethane	50.0	51.7		ug/L		103	70 - 125
Chlorobenzene	50.0	54.1		ug/L		108	70 - 120
1,1,1,2-Tetrachloroethane	50.0	54.2		ug/L		108	70 - 125
Ethylbenzene	50.0	53.9		ug/L		108	70 - 120
m&p-Xylene	50.0	54.6		ug/L		109	70 - 125
o-Xylene	50.0	54.5		ug/L		109	70 - 120
Styrene	50.0	56.2		ug/L		112	70 - 120
Bromoform	50.0	58.2		ug/L		116	56 - 132
Isopropylbenzene	50.0	47.3		ug/L		95	70 - 126
Bromobenzene	50.0	49.7		ug/L		99	70 - 122
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/L		93	67 - 127
1,2,3-Trichloropropane	50.0	43.6		ug/L		87	50 - 133
N-Propylbenzene	50.0	49.7		ug/L		99	69 - 127
2-Chlorotoluene	50.0	47.8		ug/L		96	70 - 125
1,3,5-Trimethylbenzene	50.0	49.1		ug/L		98	70 - 123
4-Chlorotoluene	50.0	49.3		ug/L		99	68 - 124
tert-Butylbenzene	50.0	50.8		ug/L		102	70 - 121
1,2,4-Trimethylbenzene	50.0	50.4		ug/L		101	70 - 123
sec-Butylbenzene	50.0	49.5		ug/L		99	70 - 123
1,3-Dichlorobenzene	50.0	51.6		ug/L		103	70 - 125
p-Isopropyltoluene	50.0	52.3		ug/L		105	70 - 125
1,4-Dichlorobenzene	50.0	52.4		ug/L		105	70 - 120
n-Butylbenzene	50.0	53.5		ug/L		107	68 - 125
1,2-Dichlorobenzene	50.0	53.4		ug/L		107	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	42.6		ug/L		85	56 - 123
1,2,4-Trichlorobenzene	50.0	55.2		ug/L		110	66 - 127
Hexachlorobutadiene	50.0	56.1		ug/L		112	51 - 150
Naphthalene	50.0	49.4		ug/L		99	59 - 130
1,2,3-Trichlorobenzene	50.0	56.5		ug/L		113	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*
Toluene-d8 (Surr)	*93*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-421200/4
Matrix: Water
Analysis Batch: 421200

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	80		72 - 124
Dibromofluoromethane	83		75 - 120

Lab Sample ID: 500-140898-18 MS
Matrix: Water
Analysis Batch: 421200

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.50		50.0	45.7		ug/L		91	70 - 120
Dichlorodifluoromethane	<2.0		50.0	55.5		ug/L		111	40 - 150
Chloromethane	<1.0		50.0	41.0		ug/L		82	54 - 147
Vinyl chloride	<0.50		50.0	50.3		ug/L		101	64 - 126
Bromomethane	<2.0		50.0	46.5		ug/L		93	40 - 130
Chloroethane	<1.0		50.0	49.8		ug/L		100	45 - 127
Trichlorofluoromethane	<1.0		50.0	47.0		ug/L		94	70 - 126
1,1-Dichloroethene	<1.0		50.0	45.1		ug/L		90	67 - 122
Carbon disulfide	<2.0		50.0	45.9		ug/L		92	66 - 120
Acetone	<5.0		50.0	41.1		ug/L		82	40 - 143
Methylene Chloride	<5.0		50.0	44.5		ug/L		89	69 - 125
trans-1,2-Dichloroethene	<1.0		50.0	45.8		ug/L		92	70 - 125
1,1-Dichloroethane	<1.0		50.0	45.5		ug/L		91	70 - 125
2,2-Dichloropropane	<1.0		50.0	41.2		ug/L		82	58 - 129
cis-1,2-Dichloroethene	2.5		50.0	46.6		ug/L		88	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	41.2		ug/L		82	53 - 141
Bromochloromethane	<1.0		50.0	45.7		ug/L		91	65 - 122
Chloroform	1.6	J	50.0	45.5		ug/L		88	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	45.1		ug/L		90	70 - 125
1,1-Dichloropropene	<1.0		50.0	43.7		ug/L		87	70 - 121
Carbon tetrachloride	<1.0		50.0	46.8		ug/L		94	65 - 122
1,2-Dichloroethane	<1.0		50.0	48.5		ug/L		97	68 - 127
Trichloroethene	48		50.0	90.1		ug/L		84	70 - 125
1,2-Dichloropropane	<1.0		50.0	45.6		ug/L		91	67 - 130
Dibromomethane	<1.0		50.0	43.8		ug/L		88	70 - 120
Bromodichloromethane	<1.0		50.0	46.6		ug/L		93	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	44.4		ug/L		89	64 - 127
methyl isobutyl ketone	<5.0		50.0	42.2		ug/L		84	56 - 133
Toluene	<0.50		50.0	48.6		ug/L		97	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	41.5		ug/L		83	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	47.4		ug/L		95	70 - 122
Tetrachloroethene	61		50.0	108		ug/L		94	70 - 128
1,3-Dichloropropane	<1.0		50.0	45.2		ug/L		90	62 - 136
2-Hexanone	<5.0		50.0	39.5		ug/L		79	56 - 135
Dibromochloromethane	<1.0		50.0	48.1		ug/L		96	68 - 125
1,2-Dibromoethane	<1.0		50.0	45.9		ug/L		92	70 - 125
Chlorobenzene	<1.0		50.0	47.2		ug/L		94	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	48.1		ug/L		96	70 - 125
Ethylbenzene	<0.50		50.0	47.7		ug/L		95	70 - 120
m&p-Xylene	<1.0		50.0	47.0		ug/L		94	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-140898-18 MS
Matrix: Water
Analysis Batch: 421200

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.50		50.0	47.8		ug/L		96	70 - 120
Styrene	<1.0		50.0	49.0		ug/L		98	70 - 120
Bromoform	<1.0		50.0	50.0		ug/L		100	56 - 132
Isopropylbenzene	<1.0		50.0	45.3		ug/L		91	70 - 126
Bromobenzene	<1.0		50.0	46.4		ug/L		93	70 - 122
1,1,2,2-Tetrachloroethane	<1.0		50.0	42.5		ug/L		85	67 - 127
1,2,3-Trichloropropane	<1.0		50.0	37.7		ug/L		75	50 - 133
N-Propylbenzene	<1.0		50.0	43.3		ug/L		87	69 - 127
2-Chlorotoluene	<1.0		50.0	43.4		ug/L		87	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	44.7		ug/L		89	70 - 123
4-Chlorotoluene	<1.0		50.0	44.4		ug/L		89	68 - 124
tert-Butylbenzene	<1.0		50.0	44.8		ug/L		90	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	44.2		ug/L		88	70 - 123
sec-Butylbenzene	<1.0		50.0	44.4		ug/L		89	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	46.3		ug/L		93	70 - 125
p-Isopropyltoluene	<1.0		50.0	45.4		ug/L		91	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	46.1		ug/L		92	70 - 120
n-Butylbenzene	<1.0		50.0	45.4		ug/L		91	68 - 125
1,2-Dichlorobenzene	<1.0		50.0	47.9		ug/L		96	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	39.3		ug/L		79	56 - 123
1,2,4-Trichlorobenzene	<1.0		50.0	47.5		ug/L		95	66 - 127
Hexachlorobutadiene	<1.0		50.0	51.5		ug/L		103	51 - 150
Naphthalene	<1.0		50.0	45.7		ug/L		91	59 - 130
1,2,3-Trichlorobenzene	<1.0		50.0	50.6		ug/L		101	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*
Toluene-d8 (Surr)	*90*		*75 - 120*
4-Bromofluorobenzene (Surr)	*84*		*72 - 124*
Dibromofluoromethane	*90*		*75 - 120*

Lab Sample ID: 500-140898-18 MSD
Matrix: Water
Analysis Batch: 421200

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.50		50.0	46.7		ug/L		93	70 - 120	2	20
Dichlorodifluoromethane	<2.0		50.0	46.0		ug/L		92	40 - 150	19	20
Chloromethane	<1.0		50.0	35.9		ug/L		72	54 - 147	13	20
Vinyl chloride	<0.50		50.0	44.7		ug/L		89	64 - 126	12	20
Bromomethane	<2.0		50.0	39.3		ug/L		79	40 - 130	17	20
Chloroethane	<1.0		50.0	43.0		ug/L		86	45 - 127	15	20
Trichlorofluoromethane	<1.0		50.0	41.2		ug/L		82	70 - 126	13	20
1,1-Dichloroethene	<1.0		50.0	47.3		ug/L		95	67 - 122	5	20
Carbon disulfide	<2.0		50.0	48.5		ug/L		97	66 - 120	5	20
Acetone	<5.0		50.0	39.3		ug/L		79	40 - 143	4	20
Methylene Chloride	<5.0		50.0	47.9		ug/L		96	69 - 125	7	20
trans-1,2-Dichloroethene	<1.0		50.0	48.5		ug/L		97	70 - 125	6	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-140898-18 MSD
Matrix: Water
Analysis Batch: 421200

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<1.0		50.0	48.9		ug/L		98	70 - 125	7	20
2,2-Dichloropropane	<1.0		50.0	41.8		ug/L		84	58 - 129	1	20
cis-1,2-Dichloroethene	2.5		50.0	49.6		ug/L		94	70 - 125	6	20
Methyl Ethyl Ketone	<5.0		50.0	42.5		ug/L		85	53 - 141	3	20
Bromochloromethane	<1.0		50.0	48.6		ug/L		97	65 - 122	6	20
Chloroform	1.6	J	50.0	48.6		ug/L		94	70 - 120	7	20
1,1,1-Trichloroethane	<1.0		50.0	49.0		ug/L		98	70 - 125	8	20
1,1-Dichloropropene	<1.0		50.0	46.0		ug/L		92	70 - 121	5	20
Carbon tetrachloride	<1.0		50.0	48.6		ug/L		97	65 - 122	4	20
1,2-Dichloroethane	<1.0		50.0	50.4		ug/L		101	68 - 127	4	20
Trichloroethene	48		50.0	94.3		ug/L		92	70 - 125	4	20
1,2-Dichloropropane	<1.0		50.0	47.2		ug/L		94	67 - 130	4	20
Dibromomethane	<1.0		50.0	49.7		ug/L		99	70 - 120	12	20
Bromodichloromethane	<1.0		50.0	48.6		ug/L		97	69 - 120	4	20
cis-1,3-Dichloropropene	<1.0		50.0	46.0		ug/L		92	64 - 127	4	20
methyl isobutyl ketone	<5.0		50.0	44.5		ug/L		89	56 - 133	5	20
Toluene	<0.50		50.0	50.6		ug/L		101	70 - 125	4	20
trans-1,3-Dichloropropene	<1.0		50.0	43.4		ug/L		87	62 - 128	4	20
1,1,2-Trichloroethane	<1.0		50.0	48.2		ug/L		96	70 - 122	2	20
Tetrachloroethene	61		50.0	109		ug/L		95	70 - 128	1	20
1,3-Dichloropropane	<1.0		50.0	46.0		ug/L		92	62 - 136	2	20
2-Hexanone	<5.0		50.0	42.2		ug/L		84	56 - 135	6	20
Dibromochloromethane	<1.0		50.0	51.3		ug/L		103	68 - 125	6	20
1,2-Dibromoethane	<1.0		50.0	47.7		ug/L		95	70 - 125	4	20
Chlorobenzene	<1.0		50.0	49.1		ug/L		98	70 - 120	4	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	49.5		ug/L		99	70 - 125	3	20
Ethylbenzene	<0.50		50.0	48.0		ug/L		96	70 - 120	1	20
m&p-Xylene	<1.0		50.0	48.4		ug/L		97	70 - 125	3	20
o-Xylene	<0.50		50.0	49.0		ug/L		98	70 - 120	2	20
Styrene	<1.0		50.0	50.5		ug/L		101	70 - 120	3	20
Bromoform	<1.0		50.0	52.8		ug/L		106	56 - 132	5	20
Isopropylbenzene	<1.0		50.0	46.1		ug/L		92	70 - 126	2	20
Bromobenzene	<1.0		50.0	48.1		ug/L		96	70 - 122	4	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	44.0		ug/L		88	67 - 127	3	20
1,2,3-Trichloropropane	<1.0		50.0	39.3		ug/L		79	50 - 133	4	20
N-Propylbenzene	<1.0		50.0	44.7		ug/L		89	69 - 127	3	20
2-Chlorotoluene	<1.0		50.0	45.1		ug/L		90	70 - 125	4	20
1,3,5-Trimethylbenzene	<1.0		50.0	45.9		ug/L		92	70 - 123	3	20
4-Chlorotoluene	<1.0		50.0	45.2		ug/L		90	68 - 124	2	20
tert-Butylbenzene	<1.0		50.0	45.6		ug/L		91	70 - 121	2	20
1,2,4-Trimethylbenzene	<1.0		50.0	45.5		ug/L		91	70 - 123	3	20
sec-Butylbenzene	<1.0		50.0	45.4		ug/L		91	70 - 123	2	20
1,3-Dichlorobenzene	<1.0		50.0	47.7		ug/L		95	70 - 125	3	20
p-Isopropyltoluene	<1.0		50.0	46.5		ug/L		93	70 - 125	2	20
1,4-Dichlorobenzene	<1.0		50.0	48.8		ug/L		98	70 - 120	6	20
n-Butylbenzene	<1.0		50.0	47.2		ug/L		94	68 - 125	4	20
1,2-Dichlorobenzene	<1.0		50.0	49.7		ug/L		99	70 - 125	4	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	44.7		ug/L		89	56 - 123	13	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-140898-18 MSD
Matrix: Water
Analysis Batch: 421200

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<1.0		50.0	52.4		ug/L		105	66 - 127	10	20
Hexachlorobutadiene	<1.0		50.0	53.5		ug/L		107	51 - 150	4	20
Naphthalene	<1.0		50.0	50.4		ug/L		101	59 - 130	10	20
1,2,3-Trichlorobenzene	<1.0		50.0	52.4		ug/L		105	55 - 140	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
Toluene-d8 (Surr)	*92*		*75 - 120*
4-Bromofluorobenzene (Surr)	*84*		*72 - 124*
Dibromofluoromethane	*93*		*75 - 120*

Lab Sample ID: MB 500-421320/6
Matrix: Water
Analysis Batch: 421320

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			02/24/18 09:40	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			02/24/18 09:40	1
Chloromethane	<1.0		1.0	0.32	ug/L			02/24/18 09:40	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			02/24/18 09:40	1
Bromomethane	<2.0		2.0	0.80	ug/L			02/24/18 09:40	1
Chloroethane	<1.0		1.0	0.51	ug/L			02/24/18 09:40	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			02/24/18 09:40	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			02/24/18 09:40	1
Acetone	<5.0		5.0	1.7	ug/L			02/24/18 09:40	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			02/24/18 09:40	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			02/24/18 09:40	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			02/24/18 09:40	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			02/24/18 09:40	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			02/24/18 09:40	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			02/24/18 09:40	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			02/24/18 09:40	1
Chloroform	<2.0		2.0	0.37	ug/L			02/24/18 09:40	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			02/24/18 09:40	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			02/24/18 09:40	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			02/24/18 09:40	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
Trichloroethene	<0.50		0.50	0.16	ug/L			02/24/18 09:40	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			02/24/18 09:40	1
Dibromomethane	<1.0		1.0	0.27	ug/L			02/24/18 09:40	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			02/24/18 09:40	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			02/24/18 09:40	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			02/24/18 09:40	1
Toluene	<0.50		0.50	0.15	ug/L			02/24/18 09:40	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			02/24/18 09:40	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			02/24/18 09:40	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			02/24/18 09:40	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-421320/6
Matrix: Water
Analysis Batch: 421320

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			02/24/18 09:40	1
2-Hexanone	<5.0		5.0	1.6	ug/L			02/24/18 09:40	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			02/24/18 09:40	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			02/24/18 09:40	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			02/24/18 09:40	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			02/24/18 09:40	1
o-Xylene	<0.50		0.50	0.22	ug/L			02/24/18 09:40	1
Styrene	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
Bromoform	<1.0		1.0	0.48	ug/L			02/24/18 09:40	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
Bromobenzene	<1.0		1.0	0.36	ug/L			02/24/18 09:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			02/24/18 09:40	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			02/24/18 09:40	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			02/24/18 09:40	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			02/24/18 09:40	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			02/24/18 09:40	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			02/24/18 09:40	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 09:40	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			02/24/18 09:40	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			02/24/18 09:40	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			02/24/18 09:40	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			02/24/18 09:40	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			02/24/18 09:40	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			02/24/18 09:40	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			02/24/18 09:40	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			02/24/18 09:40	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			02/24/18 09:40	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			02/24/18 09:40	1
Naphthalene	<1.0		1.0	0.34	ug/L			02/24/18 09:40	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			02/24/18 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*02/24/18 09:40*	*1*
Toluene-d8 (Surr)	*80*		*75 - 120*		*02/24/18 09:40*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*02/24/18 09:40*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*02/24/18 09:40*	*1*

Lab Sample ID: LCS 500-421320/4
Matrix: Water
Analysis Batch: 421320

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	49.6		ug/L		99	70 - 120
Dichlorodifluoromethane	50.0	56.8		ug/L		114	40 - 150
Chloromethane	50.0	45.6		ug/L		91	54 - 147
Vinyl chloride	50.0	54.9		ug/L		110	64 - 126

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-421320/4
Matrix: Water
Analysis Batch: 421320

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	49.0		ug/L		98	40 - 130
Chloroethane	50.0	50.8		ug/L		102	45 - 127
Trichlorofluoromethane	50.0	50.7		ug/L		101	70 - 126
1,1-Dichloroethene	50.0	50.9		ug/L		102	67 - 122
Carbon disulfide	50.0	52.4		ug/L		105	66 - 120
Acetone	50.0	44.4		ug/L		89	40 - 143
Methylene Chloride	50.0	49.3		ug/L		99	69 - 125
trans-1,2-Dichloroethene	50.0	51.3		ug/L		103	70 - 125
1,1-Dichloroethane	50.0	51.2		ug/L		102	70 - 125
2,2-Dichloropropane	50.0	49.6		ug/L		99	58 - 129
cis-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 125
Methyl Ethyl Ketone	50.0	42.4		ug/L		85	53 - 141
Bromochloromethane	50.0	49.7		ug/L		99	65 - 122
Chloroform	50.0	50.2		ug/L		100	70 - 120
1,1,1-Trichloroethane	50.0	52.4		ug/L		105	70 - 125
1,1-Dichloropropene	50.0	49.5		ug/L		99	70 - 121
Carbon tetrachloride	50.0	52.6		ug/L		105	65 - 122
1,2-Dichloroethane	50.0	51.9		ug/L		104	68 - 127
Trichloroethene	50.0	50.6		ug/L		101	70 - 125
1,2-Dichloropropane	50.0	51.9		ug/L		104	67 - 130
Dibromomethane	50.0	51.8		ug/L		104	70 - 120
Bromodichloromethane	50.0	52.1		ug/L		104	69 - 120
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	64 - 127
methyl isobutyl ketone	50.0	46.5		ug/L		93	56 - 133
Toluene	50.0	54.6		ug/L		109	70 - 125
trans-1,3-Dichloropropene	50.0	48.2		ug/L		96	62 - 128
1,1,2-Trichloroethane	50.0	51.8		ug/L		104	70 - 122
Tetrachloroethene	50.0	54.9		ug/L		110	70 - 128
1,3-Dichloropropane	50.0	49.1		ug/L		98	62 - 136
2-Hexanone	50.0	44.4		ug/L		89	56 - 135
Dibromochloromethane	50.0	54.9		ug/L		110	68 - 125
1,2-Dibromoethane	50.0	51.1		ug/L		102	70 - 125
Chlorobenzene	50.0	53.6		ug/L		107	70 - 120
1,1,1,2-Tetrachloroethane	50.0	53.6		ug/L		107	70 - 125
Ethylbenzene	50.0	54.0		ug/L		108	70 - 120
m&p-Xylene	50.0	53.5		ug/L		107	70 - 125
o-Xylene	50.0	56.9		ug/L		114	70 - 120
Styrene	50.0	57.8		ug/L		116	70 - 120
Bromoform	50.0	57.5		ug/L		115	56 - 132
Isopropylbenzene	50.0	50.5		ug/L		101	70 - 126
Bromobenzene	50.0	56.1		ug/L		112	70 - 122
1,1,2,2-Tetrachloroethane	50.0	50.9		ug/L		102	67 - 127
1,2,3-Trichloropropane	50.0	46.6		ug/L		93	50 - 133
N-Propylbenzene	50.0	54.1		ug/L		108	69 - 127
2-Chlorotoluene	50.0	53.6		ug/L		107	70 - 125
1,3,5-Trimethylbenzene	50.0	54.0		ug/L		108	70 - 123
4-Chlorotoluene	50.0	53.4		ug/L		107	68 - 124
tert-Butylbenzene	50.0	51.3		ug/L		103	70 - 121

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-421320/4
Matrix: Water
Analysis Batch: 421320

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	51.0		ug/L		102	70 - 123
sec-Butylbenzene	50.0	51.1		ug/L		102	70 - 123
1,3-Dichlorobenzene	50.0	53.0		ug/L		106	70 - 125
p-Isopropyltoluene	50.0	51.9		ug/L		104	70 - 125
1,4-Dichlorobenzene	50.0	53.4		ug/L		107	70 - 120
n-Butylbenzene	50.0	53.7		ug/L		107	68 - 125
1,2-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.2		ug/L		90	56 - 123
1,2,4-Trichlorobenzene	50.0	57.7		ug/L		115	66 - 127
Hexachlorobutadiene	50.0	58.2		ug/L		116	51 - 150
Naphthalene	50.0	51.6		ug/L		103	59 - 130
1,2,3-Trichlorobenzene	50.0	58.0		ug/L		116	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*
Toluene-d8 (Surr)	*90*		*75 - 120*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane	*90*		*75 - 120*

Client Sample ID: EW-2

Lab Sample ID: 500-140898-1
Matrix: Water

Date Collected: 02/11/18 16:30
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 10:33	JJH	TAL CHI

Client Sample ID: EW-3

Lab Sample ID: 500-140898-2
Matrix: Water

Date Collected: 02/11/18 16:20
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 10:59	JJH	TAL CHI

Client Sample ID: EW-4

Lab Sample ID: 500-140898-3
Matrix: Water

Date Collected: 02/11/18 16:10
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 11:26	JJH	TAL CHI

Client Sample ID: EW-5

Lab Sample ID: 500-140898-4
Matrix: Water

Date Collected: 02/11/18 15:45
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 11:52	JJH	TAL CHI

Client Sample ID: EW-6

Lab Sample ID: 500-140898-5
Matrix: Water

Date Collected: 02/11/18 13:55
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 12:19	JJH	TAL CHI

Client Sample ID: EW-7

Lab Sample ID: 500-140898-6
Matrix: Water

Date Collected: 02/11/18 13:45
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 12:45	JJH	TAL CHI

Client Sample ID: EW-8

Lab Sample ID: 500-140898-7

Date Collected: 02/11/18 13:35
Date Received: 02/14/18 09:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 13:11	JJH	TAL CHI

Client Sample ID: EW-9

Lab Sample ID: 500-140898-8

Date Collected: 02/11/18 13:15
Date Received: 02/14/18 09:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 13:38	JJH	TAL CHI

Client Sample ID: EW-9 DUP

Lab Sample ID: 500-140898-9

Date Collected: 02/11/18 13:15
Date Received: 02/14/18 09:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 14:05	JJH	TAL CHI

Client Sample ID: EW-10

Lab Sample ID: 500-140898-10

Date Collected: 02/11/18 13:00
Date Received: 02/14/18 09:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 14:31	JJH	TAL CHI

Client Sample ID: RFW-1A

Lab Sample ID: 500-140898-11

Date Collected: 02/11/18 10:00
Date Received: 02/14/18 09:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 14:58	JJH	TAL CHI

Client Sample ID: RFW-1B

Lab Sample ID: 500-140898-12

Date Collected: 02/11/18 11:00
Date Received: 02/14/18 09:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 15:25	JJH	TAL CHI

Client Sample ID: RFW-2A
Lab Sample ID: 500-140898-13
Date Collected: 02/12/18 09:00
Matrix: Water
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 15:51	JJH	TAL CHI

Client Sample ID: RFW-2B
Lab Sample ID: 500-140898-14
Date Collected: 02/12/18 09:50
Matrix: Water
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 16:18	JJH	TAL CHI

Client Sample ID: RFW-3B
Lab Sample ID: 500-140898-15
Date Collected: 02/12/18 07:45
Matrix: Water
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 16:44	JJH	TAL CHI

Client Sample ID: RFW-4A
Lab Sample ID: 500-140898-16
Date Collected: 02/12/18 14:30
Matrix: Water
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 17:11	JJH	TAL CHI

Client Sample ID: RFW-4A DUP
Lab Sample ID: 500-140898-17
Date Collected: 02/12/18 14:30
Matrix: Water
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 17:37	JJH	TAL CHI

Client Sample ID: RFW-4B
Lab Sample ID: 500-140898-18
Date Collected: 02/12/18 15:25
Matrix: Water
Date Received: 02/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421200	02/23/18 18:04	JJH	TAL CHI

Client Sample ID: RFW-6
Date Collected: 02/11/18 15:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 10:59	JJH	TAL CHI

Client Sample ID: RFW-7
Date Collected: 02/11/18 12:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 11:26	JJH	TAL CHI

Client Sample ID: RFW-9
Date Collected: 02/12/18 12:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 11:53	JJH	TAL CHI

Client Sample ID: RFW-11B
Date Collected: 02/12/18 13:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 12:19	JJH	TAL CHI

Client Sample ID: RFW-12B
Date Collected: 02/12/18 16:35
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 12:46	JJH	TAL CHI

Client Sample ID: RFW-13
Date Collected: 02/12/18 12:25
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 13:12	JJH	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-140898-1

Client Sample ID: RFW-17
Date Collected: 02/12/18 11:20
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 13:39	JJH	TAL CHI

Client Sample ID: Trip Blank
Date Collected: 02/11/18 07:00
Date Received: 02/14/18 09:45

Lab Sample ID: 500-140898-26
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	421320	02/24/18 10:06	JJH	TAL CHI

Laboratory References:

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 500-140898-1

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2903	04-30-18 *
Georgia	State Program	4	N/A	04-30-18
Georgia	State Program	4	939	04-30-18
Hawaii	State Program	9	N/A	04-30-18
Illinois	NELAP	5	100201	04-30-18
Indiana	State Program	5	C-IL-02	04-30-18 *
Iowa	State Program	7	82	05-01-18 *
Kansas	NELAP	7	E-10161	10-31-18
Kentucky (UST)	State Program	4	66	04-30-18
Kentucky (WW)	State Program	4	KY90023	12-31-18
Louisiana	NELAP	6	30720	06-30-18
Mississippi	State Program	4	N/A	04-30-18
New York	NELAP	2	12019	04-01-18 *
North Carolina (WW/SW)	State Program	4	291	12-31-18
North Dakota	State Program	8	R-194	04-30-18
Oklahoma	State Program	6	8908	08-31-18
South Carolina	State Program	4	77001	04-30-18
USDA	Federal		P330-15-00038	02-11-21
Wisconsin	State Program	5	999580010	08-31-18
Wyoming	State Program	8	8TMS-Q	04-30-18

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

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

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

500-140898 COC

Chain of Custody Record

Lab Job #: 500 - 140898

Chain of Custody Number:

Page 1 of 3

Temperature °C of Cooler: 3.1

Client	Client Project #	Preservative
Westen	02501.004.005	
Project Name: Black + Decker		Parameter
Project Location/State: Hampstead MD	Lab Project #	
Sampler: Greg Fkasinski	Lab PM: Dick Wright	

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	Comments
1		EW-2	2/11/18	1630	3	W		
2		EW-3		1620				
3		EW-4		1610				
4		EW-5		1545				
5		EW-6		1355				
6		EW-7		1345				
7		EW-8		1335				
8		EW-9		1315				
9		EW-9 Dup		1315				
10		EW-10		1300				

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date: _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Westen	2/13/18	1600		TA	02/14/18	0945
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:

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:
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Address:
Phone:
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500 - 140898
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: 3.1

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

Preservative
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		RFW-1A	2/11	1000	3	W	
12		RFW-1B	2/11	1100			
13		RFW-2A	2/12	900			
14		RFW-2B	2/12	950			
15		RFW-3B	2/12	745			
16		RFW-4A	2/12	1430			
17		RFW-4A Dup	2/12	1430			
18		RFW-4B	2/12	1525			
19		RFW-6	2/11	1520			
20		RFW-7	2/11	1235			

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date: _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Western	2/13/18	1600		TA	02/14/18	0945

Lab Courier:
Shipped:
Hand Delivered:

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

Client Comments:

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

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

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

Chain of Custody Record

Lab Job #: 500-140898
Chain of Custody Number:
Page ___ of ___
Temperature °C of Cooler: 3.1

Client: Westen
Client Project #:
Project Name: Black + Decker
Project Location/State:
Lab Project #:
Sampler:
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Parameter: VOC	Comments
21		RFW-9	2/12	1225			|	
22		RFW-11B	2/12	1325			|	
23		RFW-12B	2/12	1635			|	
24		RFW-13	2/12	1225			|	
25		RFW-17	2/12	1120			|	
26		Trip Blank	2/11/18	700	2	W	—	

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days ___ Other
Requested Due Date ___

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Westen	2/13/18	1600	[signature]	TA	02/14/18	0945

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:

Login Sample Receipt Checklist

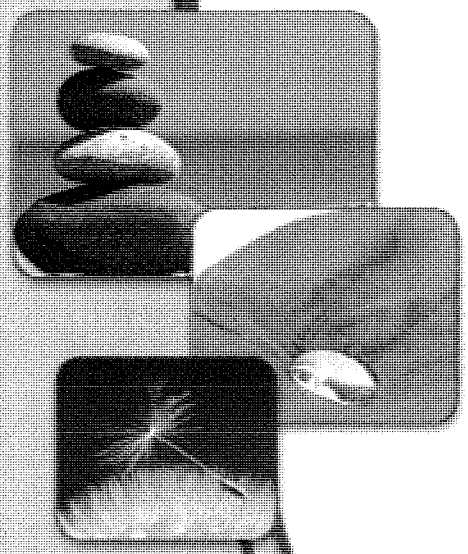
Client: Weston Solutions, Inc.

Job Number: 500-140898-1

Login Number: 140898
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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: 680-148927-1
Client Project/Site: Black & Decker

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

Attn: Greg Flasinski

Authorized for release by:
2/23/2018 2:31:15 PM

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

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Black & Decker

Report Number: 680-148927-1

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 2/15/2018 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3° C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples RWF - 20 (680-148927-1), RWF - 21 (680-148927-2), HAMP - 22 (680-148927-3), HAMP - 23 (680-148927-4) and Trip Blank (680-148927-5) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 02/21/2018 and 02/22/2018.

The laboratory is currently not certified for 1,2,3-trichloropropane or 1,2,3-trichlorobenzene via EPA method 524.2. Per client request, the laboratory proceeded with analysis.

The laboratory control sample (LCS) for analytical batch 680-513371 recovered outside control limits for the following analytes: 1,2-Dichloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batches 680-513371 and 680-513505.

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: 680-148927-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-148927-1	RWF - 20	Water	02/11/18 08:35	02/15/18 09:35
680-148927-2	RWF - 21	Water	02/11/18 07:25	02/15/18 09:35
680-148927-3	HAMP - 22	Water	02/12/18 10:00	02/15/18 09:35
680-148927-4	HAMP - 23	Water	02/12/18 10:10	02/15/18 09:35
680-148927-5	Trip Blank	Water	02/11/18 07:00	02/15/18 09:35

Method Summary

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

TestAmerica Job ID: 680-148927-1

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

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

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

Definitions/Glossary

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

TestAmerica Job ID: 680-148927-1

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample ID: RWF - 20
Date Collected: 02/11/18 08:35
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-1
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			02/21/18 15:57	1
Benzene	<0.50		0.50	0.082	ug/L			02/21/18 15:57	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/21/18 15:57	1
Bromoform	<0.50		0.50	0.17	ug/L			02/21/18 15:57	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/21/18 15:57	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/21/18 15:57	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/21/18 15:57	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/21/18 15:57	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/21/18 15:57	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/21/18 15:57	1
Chloroform	<0.50		0.50	0.20	ug/L			02/21/18 15:57	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/21/18 15:57	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/21/18 15:57	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/21/18 15:57	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/21/18 15:57	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/21/18 15:57	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/21/18 15:57	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/21/18 15:57	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/21/18 15:57	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/21/18 15:57	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/21/18 15:57	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/21/18 15:57	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/21/18 15:57	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/21/18 15:57	1
1,2-Dichloroethane	<0.50	*	0.50	0.086	ug/L			02/21/18 15:57	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/21/18 15:57	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/21/18 15:57	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/21/18 15:57	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/21/18 15:57	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/21/18 15:57	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/21/18 15:57	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/21/18 15:57	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/21/18 15:57	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/21/18 15:57	1
Freon 113	<0.50		0.50	0.15	ug/L			02/21/18 15:57	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/21/18 15:57	1
2-Hexanone	<10		10	5.0	ug/L			02/21/18 15:57	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/21/18 15:57	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/21/18 15:57	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/21/18 15:57	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/21/18 15:57	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/21/18 15:57	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/21/18 15:57	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/21/18 15:57	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 15:57	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 15:57	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/21/18 15:57	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/21/18 15:57	1
Styrene	<0.50		0.50	0.089	ug/L			02/21/18 15:57	1

Client Sample ID: RWF - 20
Date Collected: 02/11/18 08:35
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/21/18 15:57	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/21/18 15:57	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/21/18 15:57	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/21/18 15:57	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/21/18 15:57	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/21/18 15:57	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/21/18 15:57	1
Toluene	<0.50		0.50	0.086	ug/L			02/21/18 15:57	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/21/18 15:57	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/21/18 15:57	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/21/18 15:57	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/21/18 15:57	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/21/18 15:57	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/21/18 15:57	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/21/18 15:57	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/21/18 15:57	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/21/18 15:57	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/21/18 15:57	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 15:57	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/21/18 15:57	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/21/18 15:57	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/21/18 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*02/21/18 15:57*	*1*
1,2-Dichlorobenzene-d4	*110*		*70 - 130*		*02/21/18 15:57*	*1*

Client Sample ID: RWF - 21
Date Collected: 02/11/18 07:25
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-2
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			02/21/18 16:20	1
Benzene	<0.50		0.50	0.082	ug/L			02/21/18 16:20	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/21/18 16:20	1
Bromoform	<0.50		0.50	0.17	ug/L			02/21/18 16:20	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/21/18 16:20	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/21/18 16:20	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/21/18 16:20	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/21/18 16:20	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/21/18 16:20	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/21/18 16:20	1
Chloroform	<0.50		0.50	0.20	ug/L			02/21/18 16:20	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/21/18 16:20	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/21/18 16:20	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/21/18 16:20	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/21/18 16:20	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/21/18 16:20	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/21/18 16:20	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/21/18 16:20	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/21/18 16:20	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/21/18 16:20	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/21/18 16:20	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/21/18 16:20	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/21/18 16:20	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/21/18 16:20	1
1,2-Dichloroethane	<0.50	*	0.50	0.086	ug/L			02/21/18 16:20	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/21/18 16:20	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/21/18 16:20	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/21/18 16:20	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/21/18 16:20	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/21/18 16:20	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/21/18 16:20	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/21/18 16:20	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/21/18 16:20	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/21/18 16:20	1
Freon 113	<0.50		0.50	0.15	ug/L			02/21/18 16:20	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/21/18 16:20	1
2-Hexanone	<10		10	5.0	ug/L			02/21/18 16:20	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/21/18 16:20	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/21/18 16:20	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/21/18 16:20	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/21/18 16:20	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/21/18 16:20	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/21/18 16:20	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/21/18 16:20	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 16:20	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 16:20	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/21/18 16:20	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/21/18 16:20	1
Styrene	<0.50		0.50	0.089	ug/L			02/21/18 16:20	1

Client Sample ID: RWF - 21
Date Collected: 02/11/18 07:25
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/21/18 16:20	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/21/18 16:20	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/21/18 16:20	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/21/18 16:20	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/21/18 16:20	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/21/18 16:20	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/21/18 16:20	1
Toluene	<0.50		0.50	0.086	ug/L			02/21/18 16:20	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/21/18 16:20	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/21/18 16:20	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/21/18 16:20	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/21/18 16:20	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/21/18 16:20	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/21/18 16:20	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/21/18 16:20	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/21/18 16:20	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/21/18 16:20	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/21/18 16:20	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 16:20	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/21/18 16:20	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/21/18 16:20	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/21/18 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*02/21/18 16:20*	*1*
1,2-Dichlorobenzene-d4	*104*		*70 - 130*		*02/21/18 16:20*	*1*

Client Sample ID: HAMP - 22
Date Collected: 02/12/18 10:00
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-3
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			02/22/18 21:02	1
Benzene	<0.50		0.50	0.082	ug/L			02/22/18 21:02	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/22/18 21:02	1
Bromoform	<0.50		0.50	0.17	ug/L			02/22/18 21:02	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/22/18 21:02	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/22/18 21:02	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:02	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/22/18 21:02	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/22/18 21:02	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/22/18 21:02	1
Chloroform	0.25	J	0.50	0.20	ug/L			02/22/18 21:02	1
Chloromethane	0.25	J	0.50	0.15	ug/L			02/22/18 21:02	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/22/18 21:02	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/22/18 21:02	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 21:02	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/22/18 21:02	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/22/18 21:02	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/22/18 21:02	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/22/18 21:02	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/22/18 21:02	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/22/18 21:02	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/22/18 21:02	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/22/18 21:02	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/22/18 21:02	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/22/18 21:02	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/22/18 21:02	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/22/18 21:02	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/22/18 21:02	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/22/18 21:02	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/22/18 21:02	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/22/18 21:02	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/22/18 21:02	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/22/18 21:02	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/22/18 21:02	1
Freon 113	<0.50		0.50	0.15	ug/L			02/22/18 21:02	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/22/18 21:02	1
2-Hexanone	<10		10	5.0	ug/L			02/22/18 21:02	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/22/18 21:02	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/22/18 21:02	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/22/18 21:02	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/22/18 21:02	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/22/18 21:02	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/22/18 21:02	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/22/18 21:02	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 21:02	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 21:02	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/22/18 21:02	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:02	1
Styrene	<0.50		0.50	0.089	ug/L			02/22/18 21:02	1

Client Sample ID: HAMP - 22
Date Collected: 02/12/18 10:00
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-3
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			02/22/18 21:02	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/22/18 21:02	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:02	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/22/18 21:02	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/22/18 21:02	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/22/18 21:02	1
Tetrachloroethene	0.47	J	0.50	0.18	ug/L			02/22/18 21:02	1
Toluene	<0.50		0.50	0.086	ug/L			02/22/18 21:02	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 21:02	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/22/18 21:02	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:02	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/22/18 21:02	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/22/18 21:02	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/22/18 21:02	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/22/18 21:02	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/22/18 21:02	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/22/18 21:02	1
Trihalomethanes, Total	0.25	J	0.50	0.079	ug/L			02/22/18 21:02	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 21:02	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/22/18 21:02	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/22/18 21:02	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/22/18 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*02/22/18 21:02*	*1*
1,2-Dichlorobenzene-d4	*102*		*70 - 130*		*02/22/18 21:02*	*1*

Client Sample ID: HAMP - 23
Date Collected: 02/12/18 10:10
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-4
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			02/22/18 21:25	1
Benzene	<0.50		0.50	0.082	ug/L			02/22/18 21:25	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/22/18 21:25	1
Bromoform	<0.50		0.50	0.17	ug/L			02/22/18 21:25	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/22/18 21:25	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/22/18 21:25	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:25	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/22/18 21:25	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/22/18 21:25	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/22/18 21:25	1
Chloroform	<0.50		0.50	0.20	ug/L			02/22/18 21:25	1
Chloromethane	0.21	J	0.50	0.15	ug/L			02/22/18 21:25	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/22/18 21:25	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/22/18 21:25	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 21:25	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/22/18 21:25	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/22/18 21:25	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/22/18 21:25	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/22/18 21:25	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/22/18 21:25	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/22/18 21:25	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/22/18 21:25	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/22/18 21:25	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/22/18 21:25	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/22/18 21:25	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/22/18 21:25	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/22/18 21:25	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/22/18 21:25	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/22/18 21:25	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/22/18 21:25	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/22/18 21:25	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/22/18 21:25	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/22/18 21:25	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/22/18 21:25	1
Freon 113	<0.50		0.50	0.15	ug/L			02/22/18 21:25	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/22/18 21:25	1
2-Hexanone	<10		10	5.0	ug/L			02/22/18 21:25	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/22/18 21:25	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/22/18 21:25	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/22/18 21:25	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/22/18 21:25	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/22/18 21:25	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/22/18 21:25	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/22/18 21:25	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 21:25	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 21:25	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/22/18 21:25	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:25	1
Styrene	<0.50		0.50	0.089	ug/L			02/22/18 21:25	1

Client Sample ID: HAMP - 23
Date Collected: 02/12/18 10:10
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-4
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			02/22/18 21:25	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/22/18 21:25	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:25	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/22/18 21:25	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/22/18 21:25	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/22/18 21:25	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/22/18 21:25	1
Toluene	<0.50		0.50	0.086	ug/L			02/22/18 21:25	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 21:25	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/22/18 21:25	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 21:25	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/22/18 21:25	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/22/18 21:25	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/22/18 21:25	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/22/18 21:25	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/22/18 21:25	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/22/18 21:25	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/22/18 21:25	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 21:25	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/22/18 21:25	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/22/18 21:25	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/22/18 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*02/22/18 21:25*	*1*
1,2-Dichlorobenzene-d4	*104*		*70 - 130*		*02/22/18 21:25*	*1*

Client Sample ID: Trip Blank
Date Collected: 02/11/18 07:00
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-5
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			02/22/18 17:59	1
Benzene	<0.50		0.50	0.082	ug/L			02/22/18 17:59	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/22/18 17:59	1
Bromoform	<0.50		0.50	0.17	ug/L			02/22/18 17:59	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/22/18 17:59	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/22/18 17:59	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:59	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/22/18 17:59	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/22/18 17:59	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/22/18 17:59	1
Chloroform	<0.50		0.50	0.20	ug/L			02/22/18 17:59	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/22/18 17:59	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/22/18 17:59	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/22/18 17:59	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 17:59	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/22/18 17:59	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/22/18 17:59	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/22/18 17:59	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/22/18 17:59	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/22/18 17:59	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/22/18 17:59	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/22/18 17:59	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/22/18 17:59	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/22/18 17:59	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/22/18 17:59	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/22/18 17:59	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/22/18 17:59	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/22/18 17:59	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/22/18 17:59	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/22/18 17:59	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/22/18 17:59	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/22/18 17:59	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/22/18 17:59	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/22/18 17:59	1
Freon 113	<0.50		0.50	0.15	ug/L			02/22/18 17:59	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/22/18 17:59	1
2-Hexanone	<10		10	5.0	ug/L			02/22/18 17:59	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/22/18 17:59	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/22/18 17:59	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/22/18 17:59	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/22/18 17:59	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/22/18 17:59	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/22/18 17:59	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/22/18 17:59	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 17:59	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 17:59	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/22/18 17:59	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:59	1
Styrene	<0.50		0.50	0.089	ug/L			02/22/18 17:59	1

Client Sample ID: Trip Blank
Date Collected: 02/11/18 07:00
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-5
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			02/22/18 17:59	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/22/18 17:59	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:59	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/22/18 17:59	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/22/18 17:59	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/22/18 17:59	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/22/18 17:59	1
Toluene	<0.50		0.50	0.086	ug/L			02/22/18 17:59	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 17:59	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/22/18 17:59	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:59	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/22/18 17:59	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/22/18 17:59	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/22/18 17:59	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/22/18 17:59	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/22/18 17:59	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/22/18 17:59	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/22/18 17:59	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 17:59	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/22/18 17:59	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/22/18 17:59	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/22/18 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*02/22/18 17:59*	*1*
1,2-Dichlorobenzene-d4	*102*		*70 - 130*		*02/22/18 17:59*	*1*

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

Lab Sample ID: MB 680-513371/9
Matrix: Water
Analysis Batch: 513371

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/21/18 10:58	1
Benzene	<0.50		0.50	0.082	ug/L			02/21/18 10:58	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/21/18 10:58	1
Bromoform	<0.50		0.50	0.17	ug/L			02/21/18 10:58	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/21/18 10:58	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/21/18 10:58	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/21/18 10:58	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/21/18 10:58	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/21/18 10:58	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/21/18 10:58	1
Chloroform	<0.50		0.50	0.20	ug/L			02/21/18 10:58	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/21/18 10:58	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/21/18 10:58	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/21/18 10:58	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/21/18 10:58	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/21/18 10:58	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/21/18 10:58	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/21/18 10:58	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/21/18 10:58	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/21/18 10:58	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/21/18 10:58	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/21/18 10:58	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/21/18 10:58	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/21/18 10:58	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/21/18 10:58	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/21/18 10:58	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/21/18 10:58	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/21/18 10:58	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/21/18 10:58	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/21/18 10:58	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/21/18 10:58	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/21/18 10:58	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/21/18 10:58	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/21/18 10:58	1
Freon 113	<0.50		0.50	0.15	ug/L			02/21/18 10:58	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/21/18 10:58	1
2-Hexanone	<10		10	5.0	ug/L			02/21/18 10:58	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/21/18 10:58	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/21/18 10:58	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/21/18 10:58	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/21/18 10:58	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/21/18 10:58	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/21/18 10:58	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/21/18 10:58	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 10:58	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 10:58	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/21/18 10:58	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/21/18 10:58	1

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

Lab Sample ID: MB 680-513371/9
Matrix: Water
Analysis Batch: 513371

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			02/21/18 10:58	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/21/18 10:58	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/21/18 10:58	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/21/18 10:58	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/21/18 10:58	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/21/18 10:58	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/21/18 10:58	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/21/18 10:58	1
Toluene	<0.50		0.50	0.086	ug/L			02/21/18 10:58	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/21/18 10:58	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/21/18 10:58	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/21/18 10:58	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/21/18 10:58	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/21/18 10:58	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/21/18 10:58	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/21/18 10:58	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/21/18 10:58	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/21/18 10:58	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/21/18 10:58	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/21/18 10:58	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/21/18 10:58	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/21/18 10:58	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/21/18 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*70 - 130*		*02/21/18 10:58*	*1*
1,2-Dichlorobenzene-d4	*110*		*70 - 130*		*02/21/18 10:58*	*1*

Lab Sample ID: LCS 680-513371/3
Matrix: Water
Analysis Batch: 513371

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	106		ug/L		106	70 - 130
Benzene	20.0	20.3		ug/L		101	70 - 130
Bromobenzene	20.0	18.8		ug/L		94	70 - 130
Bromoform	20.0	21.4		ug/L		107	70 - 130
Bromomethane	20.0	20.9		ug/L		105	70 - 130
Carbon tetrachloride	20.0	23.1		ug/L		116	70 - 130
Chlorobenzene	20.0	20.6		ug/L		103	70 - 130
Chlorobromomethane	20.0	21.3		ug/L		106	70 - 130
Chlorodibromomethane	20.0	21.0		ug/L		105	70 - 130
Chloroethane	20.0	24.7		ug/L		123	70 - 130
Chloroform	20.0	21.8		ug/L		109	70 - 130
Chloromethane	20.0	19.5		ug/L		98	70 - 130
2-Chlorotoluene	20.0	20.2		ug/L		101	70 - 130
4-Chlorotoluene	20.0	20.8		ug/L		104	70 - 130
cis-1,2-Dichloroethene	20.0	23.4		ug/L		117	70 - 130

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

Lab Sample ID: LCS 680-513371/3
Matrix: Water
Analysis Batch: 513371

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	21.9		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	19.4		ug/L		97	70 - 130
Dibromomethane	20.0	23.0		ug/L		115	70 - 130
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	70 - 130
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	70 - 130
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
Dichlorobromomethane	20.0	23.9		ug/L		119	70 - 130
Dichlorodifluoromethane	20.0	23.6		ug/L		118	70 - 130
1,1-Dichloroethane	20.0	22.1		ug/L		111	70 - 130
1,2-Dichloroethane	20.0	27.6	*	ug/L		138	70 - 130
1,1-Dichloroethene	20.0	19.5		ug/L		98	70 - 130
1,2-Dichloropropane	20.0	22.1		ug/L		111	70 - 130
1,3-Dichloropropane	20.0	22.2		ug/L		111	70 - 130
2,2-Dichloropropane	20.0	22.8		ug/L		114	70 - 130
1,1-Dichloropropene	20.0	20.5		ug/L		102	70 - 130
1,3-Dichloropropene, Total	40.0	45.4		ug/L		113	70 - 130
Diisopropyl ether	20.0	24.1		ug/L		120	70 - 130
Ethylbenzene	20.0	19.0		ug/L		95	70 - 130
Ethylene Dibromide	20.0	22.2		ug/L		111	70 - 130
Freon 113	20.0	19.5		ug/L		98	70 - 130
Hexachlorobutadiene	20.0	19.8		ug/L		99	70 - 130
2-Hexanone	100	111		ug/L		111	70 - 130
Isopropylbenzene	20.0	19.6		ug/L		98	70 - 130
4-Isopropyltoluene	20.0	21.4		ug/L		107	70 - 130
Methylene Chloride	20.0	20.9		ug/L		104	70 - 130
2-Butanone (MEK)	100	109		ug/L		109	70 - 130
4-Methyl-2-pentanone (MIBK)	100	127		ug/L		127	70 - 130
m-Xylene & p-Xylene	20.0	19.1		ug/L		95	70 - 130
Naphthalene	20.0	19.9		ug/L		99	70 - 130
n-Butylbenzene	20.0	22.6		ug/L		113	70 - 130
N-Propylbenzene	20.0	20.6		ug/L		103	70 - 130
o-Xylene	20.0	19.6		ug/L		98	70 - 130
sec-Butylbenzene	20.0	21.4		ug/L		107	70 - 130
Styrene	20.0	19.7		ug/L		99	70 - 130
Tert-amyl methyl ether	20.0	23.1		ug/L		115	70 - 130
tert-Butyl alcohol	200	204		ug/L		102	70 - 130
tert-Butylbenzene	20.0	20.5		ug/L		102	70 - 130
Tert-butyl ethyl ether	20.0	23.4		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	20.0	19.9		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	70 - 130
Tetrachloroethene	20.0	17.1		ug/L		86	70 - 130
Toluene	20.0	20.5		ug/L		103	70 - 130
trans-1,2-Dichloroethene	20.0	20.9		ug/L		105	70 - 130
trans-1,3-Dichloropropene	20.0	23.5		ug/L		117	70 - 130
1,2,3-Trichlorobenzene	20.0	19.7		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	20.0	19.2		ug/L		96	70 - 130
1,1,1-Trichloroethane	20.0	22.2		ug/L		111	70 - 130
1,1,2-Trichloroethane	20.0	22.1		ug/L		111	70 - 130

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

Lab Sample ID: LCS 680-513371/3
Matrix: Water
Analysis Batch: 513371

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	19.5		ug/L		97	70 - 130
Trichlorofluoromethane	20.0	24.1		ug/L		121	70 - 130
1,2,3-Trichloropropane	20.0	20.0		ug/L		100	70 - 130
Trihalomethanes, Total	80.0	88.1		ug/L		110	70 - 130
1,2,4-Trimethylbenzene	20.0	20.8		ug/L		104	70 - 130
1,3,5-Trimethylbenzene	20.0	20.7		ug/L		103	70 - 130
Vinyl chloride	20.0	22.5		ug/L		113	70 - 130
Xylenes, Total	40.0	38.7		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*70 - 130*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*

Lab Sample ID: LCSD 680-513371/4
Matrix: Water
Analysis Batch: 513371

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	104		ug/L		104	70 - 130	1	30
Benzene	20.0	18.9		ug/L		95	70 - 130	7	30
Bromobenzene	20.0	17.8		ug/L		89	70 - 130	5	30
Bromoform	20.0	20.7		ug/L		104	70 - 130	3	30
Bromomethane	20.0	20.7		ug/L		103	70 - 130	1	30
Carbon tetrachloride	20.0	21.5		ug/L		107	70 - 130	7	30
Chlorobenzene	20.0	19.5		ug/L		97	70 - 130	6	30
Chlorobromomethane	20.0	21.0		ug/L		105	70 - 130	1	30
Chlorodibromomethane	20.0	20.0		ug/L		100	70 - 130	5	30
Chloroethane	20.0	22.5		ug/L		113	70 - 130	9	30
Chloroform	20.0	21.0		ug/L		105	70 - 130	4	30
Chloromethane	20.0	18.7		ug/L		93	70 - 130	4	30
2-Chlorotoluene	20.0	19.3		ug/L		96	70 - 130	5	30
4-Chlorotoluene	20.0	19.6		ug/L		98	70 - 130	6	30
cis-1,2-Dichloroethene	20.0	22.2		ug/L		111	70 - 130	5	30
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	70 - 130	7	30
1,2-Dibromo-3-Chloropropane	20.0	18.5		ug/L		93	70 - 130	5	30
Dibromomethane	20.0	21.6		ug/L		108	70 - 130	6	30
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	70 - 130	3	30
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	70 - 130	4	30
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130	3	30
Dichlorobromomethane	20.0	22.0		ug/L		110	70 - 130	8	30
Dichlorodifluoromethane	20.0	21.3		ug/L		107	70 - 130	10	30
1,1-Dichloroethane	20.0	21.0		ug/L		105	70 - 130	5	30
1,2-Dichloroethane	20.0	25.8		ug/L		129	70 - 130	7	30
1,1-Dichloroethene	20.0	18.7		ug/L		93	70 - 130	4	30
1,2-Dichloropropane	20.0	20.4		ug/L		102	70 - 130	8	30
1,3-Dichloropropane	20.0	20.8		ug/L		104	70 - 130	7	30
2,2-Dichloropropane	20.0	21.9		ug/L		109	70 - 130	4	30
1,1-Dichloropropene	20.0	19.3		ug/L		96	70 - 130	6	30

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

Lab Sample ID: LCSD 680-513371/4
Matrix: Water
Analysis Batch: 513371

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	42.3		ug/L		106	70 - 130	7	30
Diisopropyl ether	20.0	22.6		ug/L		113	70 - 130	6	30
Ethylbenzene	20.0	17.8		ug/L		89	70 - 130	6	30
Ethylene Dibromide	20.0	21.0		ug/L		105	70 - 130	5	30
Freon 113	20.0	18.6		ug/L		93	70 - 130	5	30
Hexachlorobutadiene	20.0	19.2		ug/L		96	70 - 130	3	30
2-Hexanone	100	104		ug/L		104	70 - 130	6	30
Isopropylbenzene	20.0	18.6		ug/L		93	70 - 130	5	30
4-Isopropyltoluene	20.0	20.7		ug/L		103	70 - 130	3	30
Methylene Chloride	20.0	19.9		ug/L		100	70 - 130	5	30
2-Butanone (MEK)	100	107		ug/L		107	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	100	118		ug/L		118	70 - 130	7	30
m-Xylene & p-Xylene	20.0	17.9		ug/L		90	70 - 130	6	30
Naphthalene	20.0	19.3		ug/L		96	70 - 130	3	30
n-Butylbenzene	20.0	21.6		ug/L		108	70 - 130	4	30
N-Propylbenzene	20.0	19.4		ug/L		97	70 - 130	6	30
o-Xylene	20.0	18.5		ug/L		92	70 - 130	6	30
sec-Butylbenzene	20.0	20.6		ug/L		103	70 - 130	4	30
Styrene	20.0	18.7		ug/L		94	70 - 130	5	30
Tert-amyl methyl ether	20.0	22.3		ug/L		111	70 - 130	4	30
tert-Butyl alcohol	200	202		ug/L		101	70 - 130	1	30
tert-Butylbenzene	20.0	19.6		ug/L		98	70 - 130	4	30
Tert-butyl ethyl ether	20.0	22.5		ug/L		113	70 - 130	4	30
1,1,1,2-Tetrachloroethane	20.0	18.8		ug/L		94	70 - 130	6	30
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	70 - 130	5	30
Tetrachloroethene	20.0	16.6		ug/L		83	70 - 130	3	30
Toluene	20.0	19.3		ug/L		96	70 - 130	6	30
trans-1,2-Dichloroethene	20.0	19.7		ug/L		99	70 - 130	6	30
trans-1,3-Dichloropropene	20.0	21.9		ug/L		109	70 - 130	7	30
1,2,3-Trichlorobenzene	20.0	19.5		ug/L		97	70 - 130	1	30
1,2,4-Trichlorobenzene	20.0	18.9		ug/L		95	70 - 130	1	30
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	70 - 130	6	30
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	70 - 130	8	30
Trichloroethene	20.0	18.7		ug/L		94	70 - 130	4	30
Trichlorofluoromethane	20.0	22.5		ug/L		113	70 - 130	7	30
1,2,3-Trichloropropane	20.0	19.1		ug/L		96	70 - 130	5	30
Trihalomethanes, Total	80.0	83.7		ug/L		105	70 - 130	5	30
1,2,4-Trimethylbenzene	20.0	20.0		ug/L		100	70 - 130	4	30
1,3,5-Trimethylbenzene	20.0	19.8		ug/L		99	70 - 130	4	30
Vinyl chloride	20.0	21.0		ug/L		105	70 - 130	7	30
Xylenes, Total	40.0	36.4		ug/L		91	70 - 130	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*70 - 130*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*

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

Lab Sample ID: MB 680-513505/9
Matrix: Water
Analysis Batch: 513505

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			02/22/18 17:36	1
Benzene	<0.50		0.50	0.082	ug/L			02/22/18 17:36	1
Bromobenzene	<0.50		0.50	0.091	ug/L			02/22/18 17:36	1
Bromoform	<0.50		0.50	0.17	ug/L			02/22/18 17:36	1
Bromomethane	<1.0		1.0	0.20	ug/L			02/22/18 17:36	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			02/22/18 17:36	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:36	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			02/22/18 17:36	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			02/22/18 17:36	1
Chloroethane	<1.0		1.0	0.22	ug/L			02/22/18 17:36	1
Chloroform	<0.50		0.50	0.20	ug/L			02/22/18 17:36	1
Chloromethane	<0.50		0.50	0.15	ug/L			02/22/18 17:36	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			02/22/18 17:36	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			02/22/18 17:36	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 17:36	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			02/22/18 17:36	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			02/22/18 17:36	1
Dibromomethane	<0.50		0.50	0.16	ug/L			02/22/18 17:36	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			02/22/18 17:36	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			02/22/18 17:36	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			02/22/18 17:36	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			02/22/18 17:36	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			02/22/18 17:36	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			02/22/18 17:36	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			02/22/18 17:36	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			02/22/18 17:36	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			02/22/18 17:36	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			02/22/18 17:36	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			02/22/18 17:36	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			02/22/18 17:36	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			02/22/18 17:36	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			02/22/18 17:36	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			02/22/18 17:36	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			02/22/18 17:36	1
Freon 113	<0.50		0.50	0.15	ug/L			02/22/18 17:36	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			02/22/18 17:36	1
2-Hexanone	<10		10	5.0	ug/L			02/22/18 17:36	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			02/22/18 17:36	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			02/22/18 17:36	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			02/22/18 17:36	1
2-Butanone (MEK)	<10		10	5.0	ug/L			02/22/18 17:36	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			02/22/18 17:36	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			02/22/18 17:36	1
Naphthalene	<1.0		1.0	0.43	ug/L			02/22/18 17:36	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 17:36	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 17:36	1
o-Xylene	<0.50		0.50	0.086	ug/L			02/22/18 17:36	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:36	1

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

Lab Sample ID: MB 680-513505/9
Matrix: Water
Analysis Batch: 513505

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			02/22/18 17:36	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			02/22/18 17:36	1
tert-Butyl alcohol	<10		10	1.6	ug/L			02/22/18 17:36	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:36	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			02/22/18 17:36	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			02/22/18 17:36	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			02/22/18 17:36	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			02/22/18 17:36	1
Toluene	<0.50		0.50	0.086	ug/L			02/22/18 17:36	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			02/22/18 17:36	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			02/22/18 17:36	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			02/22/18 17:36	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			02/22/18 17:36	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			02/22/18 17:36	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			02/22/18 17:36	1
Trichloroethene	<0.50		0.50	0.13	ug/L			02/22/18 17:36	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			02/22/18 17:36	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			02/22/18 17:36	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			02/22/18 17:36	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			02/22/18 17:36	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			02/22/18 17:36	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			02/22/18 17:36	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			02/22/18 17:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*02/22/18 17:36*	*1*
1,2-Dichlorobenzene-d4	*105*		*70 - 130*		*02/22/18 17:36*	*1*

Lab Sample ID: LCS 680-513505/3
Matrix: Water
Analysis Batch: 513505

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	114		ug/L		114	70 - 130
Benzene	20.0	18.0		ug/L		90	70 - 130
Bromobenzene	20.0	17.7		ug/L		89	70 - 130
Bromoform	20.0	19.3		ug/L		97	70 - 130
Bromomethane	20.0	19.1		ug/L		96	70 - 130
Carbon tetrachloride	20.0	18.3		ug/L		91	70 - 130
Chlorobenzene	20.0	19.6		ug/L		98	70 - 130
Chlorobromomethane	20.0	23.4		ug/L		117	70 - 130
Chlorodibromomethane	20.0	19.8		ug/L		99	70 - 130
Chloroethane	20.0	20.6		ug/L		103	70 - 130
Chloroform	20.0	22.1		ug/L		110	70 - 130
Chloromethane	20.0	17.5		ug/L		87	70 - 130
2-Chlorotoluene	20.0	19.2		ug/L		96	70 - 130
4-Chlorotoluene	20.0	19.3		ug/L		96	70 - 130
cis-1,2-Dichloroethene	20.0	23.3		ug/L		116	70 - 130

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

Lab Sample ID: LCS 680-513505/3
Matrix: Water
Analysis Batch: 513505

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	19.9		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	20.1		ug/L		101	70 - 130
Dibromomethane	20.0	20.3		ug/L		101	70 - 130
1,2-Dichlorobenzene	20.0	19.7		ug/L		98	70 - 130
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	70 - 130
Dichlorobromomethane	20.0	20.3		ug/L		101	70 - 130
Dichlorodifluoromethane	20.0	19.5		ug/L		98	70 - 130
1,1-Dichloroethane	20.0	22.2		ug/L		111	70 - 130
1,2-Dichloroethane	20.0	21.5		ug/L		107	70 - 130
1,1-Dichloroethene	20.0	20.3		ug/L		102	70 - 130
1,2-Dichloropropane	20.0	19.8		ug/L		99	70 - 130
1,3-Dichloropropane	20.0	20.2		ug/L		101	70 - 130
2,2-Dichloropropane	20.0	22.4		ug/L		112	70 - 130
1,1-Dichloropropene	20.0	17.1		ug/L		86	70 - 130
1,3-Dichloropropene, Total	40.0	40.2		ug/L		100	70 - 130
Diisopropyl ether	20.0	23.8		ug/L		119	70 - 130
Ethylbenzene	20.0	18.3		ug/L		92	70 - 130
Ethylene Dibromide	20.0	20.8		ug/L		104	70 - 130
Freon 113	20.0	19.4		ug/L		97	70 - 130
Hexachlorobutadiene	20.0	21.8		ug/L		109	70 - 130
2-Hexanone	100	93.4		ug/L		93	70 - 130
Isopropylbenzene	20.0	18.8		ug/L		94	70 - 130
4-Isopropyltoluene	20.0	21.0		ug/L		105	70 - 130
Methylene Chloride	20.0	21.6		ug/L		108	70 - 130
2-Butanone (MEK)	100	119		ug/L		119	70 - 130
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	70 - 130
m-Xylene & p-Xylene	20.0	18.2		ug/L		91	70 - 130
Naphthalene	20.0	20.7		ug/L		103	70 - 130
n-Butylbenzene	20.0	21.2		ug/L		106	70 - 130
N-Propylbenzene	20.0	19.8		ug/L		99	70 - 130
o-Xylene	20.0	18.4		ug/L		92	70 - 130
sec-Butylbenzene	20.0	20.7		ug/L		104	70 - 130
Styrene	20.0	19.0		ug/L		95	70 - 130
Tert-amyl methyl ether	20.0	23.9		ug/L		120	70 - 130
tert-Butyl alcohol	200	194		ug/L		97	70 - 130
tert-Butylbenzene	20.0	20.0		ug/L		100	70 - 130
Tert-butyl ethyl ether	20.0	23.9		ug/L		119	70 - 130
1,1,1,2-Tetrachloroethane	20.0	18.8		ug/L		94	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		92	70 - 130
Tetrachloroethene	20.0	17.7		ug/L		89	70 - 130
Toluene	20.0	19.2		ug/L		96	70 - 130
trans-1,2-Dichloroethene	20.0	20.1		ug/L		100	70 - 130
trans-1,3-Dichloropropene	20.0	20.3		ug/L		102	70 - 130
1,2,3-Trichlorobenzene	20.0	21.4		ug/L		107	70 - 130
1,2,4-Trichlorobenzene	20.0	20.8		ug/L		104	70 - 130
1,1,1-Trichloroethane	20.0	18.8		ug/L		94	70 - 130
1,1,2-Trichloroethane	20.0	20.1		ug/L		101	70 - 130

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

Lab Sample ID: LCS 680-513505/3
Matrix: Water
Analysis Batch: 513505

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	18.1		ug/L		91	70 - 130
Trichlorofluoromethane	20.0	20.2		ug/L		101	70 - 130
1,2,3-Trichloropropane	20.0	19.1		ug/L		95	70 - 130
Trihalomethanes, Total	80.0	81.5		ug/L		102	70 - 130
1,2,4-Trimethylbenzene	20.0	19.9		ug/L		99	70 - 130
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		99	70 - 130
Vinyl chloride	20.0	20.0		ug/L		100	70 - 130
Xylenes, Total	40.0	36.6		ug/L		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*119*		*70 - 130*
1,2-Dichlorobenzene-d4	*102*		*70 - 130*

Lab Sample ID: LCSD 680-513505/4
Matrix: Water
Analysis Batch: 513505

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	95.9		ug/L		96	70 - 130	17	30
Benzene	20.0	18.0		ug/L		90	70 - 130	0	30
Bromobenzene	20.0	17.5		ug/L		87	70 - 130	1	30
Bromoform	20.0	18.8		ug/L		94	70 - 130	3	30
Bromomethane	20.0	16.3		ug/L		81	70 - 130	16	30
Carbon tetrachloride	20.0	19.3		ug/L		97	70 - 130	6	30
Chlorobenzene	20.0	19.8		ug/L		99	70 - 130	1	30
Chlorobromomethane	20.0	18.0		ug/L		90	70 - 130	26	30
Chlorodibromomethane	20.0	18.7		ug/L		93	70 - 130	6	30
Chloroethane	20.0	17.9		ug/L		89	70 - 130	14	30
Chloroform	20.0	17.8		ug/L		89	70 - 130	22	30
Chloromethane	20.0	14.3		ug/L		72	70 - 130	20	30
2-Chlorotoluene	20.0	18.1		ug/L		91	70 - 130	6	30
4-Chlorotoluene	20.0	18.2		ug/L		91	70 - 130	6	30
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	70 - 130	25	30
cis-1,3-Dichloropropene	20.0	21.1		ug/L		105	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		95	70 - 130	5	30
Dibromomethane	20.0	21.7		ug/L		108	70 - 130	7	30
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130	6	30
1,3-Dichlorobenzene	20.0	18.5		ug/L		92	70 - 130	6	30
1,4-Dichlorobenzene	20.0	18.1		ug/L		90	70 - 130	7	30
Dichlorobromomethane	20.0	21.3		ug/L		106	70 - 130	5	30
Dichlorodifluoromethane	20.0	18.1		ug/L		91	70 - 130	8	30
1,1-Dichloroethane	20.0	17.7		ug/L		89	70 - 130	22	30
1,2-Dichloroethane	20.0	22.4		ug/L		112	70 - 130	4	30
1,1-Dichloroethene	20.0	17.4		ug/L		87	70 - 130	15	30
1,2-Dichloropropane	20.0	20.4		ug/L		102	70 - 130	3	30
1,3-Dichloropropane	20.0	21.7		ug/L		108	70 - 130	7	30
2,2-Dichloropropane	20.0	18.4		ug/L		92	70 - 130	20	30
1,1-Dichloropropene	20.0	17.7		ug/L		88	70 - 130	3	30

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

Lab Sample ID: LCSD 680-513505/4
Matrix: Water
Analysis Batch: 513505

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	42.8		ug/L		107	70 - 130	6	30
Diisopropyl ether	20.0	19.6		ug/L		98	70 - 130	20	30
Ethylbenzene	20.0	16.9		ug/L		84	70 - 130	8	30
Ethylene Dibromide	20.0	22.1		ug/L		110	70 - 130	6	30
Freon 113	20.0	17.5		ug/L		88	70 - 130	10	30
Hexachlorobutadiene	20.0	20.4		ug/L		102	70 - 130	7	30
2-Hexanone	100	90.5		ug/L		91	70 - 130	3	30
Isopropylbenzene	20.0	17.8		ug/L		89	70 - 130	5	30
4-Isopropyltoluene	20.0	19.7		ug/L		98	70 - 130	7	30
Methylene Chloride	20.0	18.7		ug/L		94	70 - 130	14	30
2-Butanone (MEK)	100	91.0		ug/L		91	70 - 130	27	30
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	70 - 130	8	30
m-Xylene & p-Xylene	20.0	17.0		ug/L		85	70 - 130	7	30
Naphthalene	20.0	19.8		ug/L		99	70 - 130	4	30
n-Butylbenzene	20.0	20.0		ug/L		100	70 - 130	6	30
N-Propylbenzene	20.0	18.7		ug/L		94	70 - 130	6	30
o-Xylene	20.0	16.0		ug/L		80	70 - 130	14	30
sec-Butylbenzene	20.0	19.6		ug/L		98	70 - 130	6	30
Styrene	20.0	16.1		ug/L		80	70 - 130	16	30
Tert-amyl methyl ether	20.0	20.6		ug/L		103	70 - 130	15	30
tert-Butyl alcohol	200	178		ug/L		89	70 - 130	8	30
tert-Butylbenzene	20.0	19.0		ug/L		95	70 - 130	5	30
Tert-butyl ethyl ether	20.0	19.0		ug/L		95	70 - 130	23	30
1,1,1,2-Tetrachloroethane	20.0	17.3		ug/L		87	70 - 130	8	30
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	70 - 130	4	30
Tetrachloroethene	20.0	16.8		ug/L		84	70 - 130	5	30
Toluene	20.0	20.3		ug/L		101	70 - 130	5	30
trans-1,2-Dichloroethene	20.0	18.3		ug/L		91	70 - 130	10	30
trans-1,3-Dichloropropene	20.0	21.7		ug/L		109	70 - 130	7	30
1,2,3-Trichlorobenzene	20.0	20.3		ug/L		101	70 - 130	5	30
1,2,4-Trichlorobenzene	20.0	19.8		ug/L		99	70 - 130	5	30
1,1,1-Trichloroethane	20.0	18.9		ug/L		94	70 - 130	0	30
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	70 - 130	4	30
Trichloroethene	20.0	19.8		ug/L		99	70 - 130	9	30
Trichlorofluoromethane	20.0	18.1		ug/L		90	70 - 130	11	30
1,2,3-Trichloropropane	20.0	18.2		ug/L		91	70 - 130	5	30
Trihalomethanes, Total	80.0	76.6		ug/L		96	70 - 130	6	30
1,2,4-Trimethylbenzene	20.0	18.7		ug/L		94	70 - 130	6	30
1,3,5-Trimethylbenzene	20.0	18.7		ug/L		93	70 - 130	6	30
Vinyl chloride	20.0	16.9		ug/L		84	70 - 130	17	30
Xylenes, Total	40.0	33.0		ug/L		83	70 - 130	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*70 - 130*
1,2-Dichlorobenzene-d4	*100*		*70 - 130*

QC Association Summary

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

TestAmerica Job ID: 680-148927-1

GC/MS VOA

Analysis Batch: 513371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-148927-1	RWF - 20	Total/NA	Water	524.2	
680-148927-2	RWF - 21	Total/NA	Water	524.2	
MB 680-513371/9	Method Blank	Total/NA	Water	524.2	
LCS 680-513371/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-513371/4	Lab Control Sample Dup	Total/NA	Water	524.2	

Analysis Batch: 513505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-148927-3	HAMP - 22	Total/NA	Water	524.2	
680-148927-4	HAMP - 23	Total/NA	Water	524.2	
680-148927-5	Trip Blank	Total/NA	Water	524.2	
MB 680-513505/9	Method Blank	Total/NA	Water	524.2	
LCS 680-513505/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-513505/4	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: 680-148927-1

Client Sample ID: RWF - 20
Date Collected: 02/11/18 08:35
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-1
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	513371	02/21/18 15:57	Y1S	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: RWF - 21
Date Collected: 02/11/18 07:25
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-2
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	513371	02/21/18 16:20	Y1S	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: HAMP - 22
Date Collected: 02/12/18 10:00
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-3
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	513505	02/22/18 21:02	Y1S	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: HAMP - 23
Date Collected: 02/12/18 10:10
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-4
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	513505	02/22/18 21:25	Y1S	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: Trip Blank
Date Collected: 02/11/18 07:00
Date Received: 02/15/18 09:35

Lab Sample ID: 680-148927-5
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	513505	02/22/18 17:59	Y1S	TAL SAV
	Instrument ID: CMSU									

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

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

Chain of Custody Record

TestAmerica

Client Information	Sampler	Lab PM: Conner, Keaton	Carrier Tracking No(s)	COC No: 680-90911-36300.1
Client Contact: Mr. Tom Cornuet	Phone	E-Mail: keaton.conner@testamericainc.com		Page: Page 1 of 1
Company: Weston Solutions, Inc.		Analysis Requested		Job #
Address: 1400 Weston Way, PO BOX 2653	Due Date Requested:			
City: West Chester	TAT Requested (days):			
State, Zip: PA, 19380				
Phone: 610-701-3779(Tel)	PO #: 0092682			
Email: ~~tom.cornuet@westonsolutions.com~~ Greg.Flasinski@westonsolutions.com	WO #: 02501.004.005			
Project Name: Quarterly	Project #: 68002345			
Site	SSOW#			

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Preserved - (MOD) Custom Sublist Template	Total Number of containers	Special Instructions/Note:
				Preservation Code:			A		
RFW-20	2/11/18	835	G	Water			✓		
RFW-21	2/11/18	725		Water			✓		
HAMP-22	2/12/18	1000		Water			✓		
HAMP-23	2/12/18	1010		Water			✓		
Trip Blank	2/11/18	700		Water			✓		

680-148927 Chain of Custody

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 2/12/18 1800	Company: Weston	Received by: Fed Ex	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by: M[signature]	Date/Time: 2/13/18 935	Company: [signature]
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.2°C (IR) 0.3°C		

Ver: 08/04/2016

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-148927-1

Login Number: 148927
List Number: 1
Creator: Tyler, Matthew M

List Source: TestAmerica Savannah

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 680-148927-1

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Maryland	State Program	3	250	12-31-18