Quarterly Groundwater Monitoring Report

Prepared for

Stanley Black & Decker Inc.

Hampstead, Maryland

January 2018

Prepared by

WESTON SOLUTIONS, INC.

West Chester, Pennsylvania 19380-1499

W.O. Number :02501.004.005.0001

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1. INTRODUCTION

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

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

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

2. SITE CHARACTERISTICS

2.1 HYDRAULIC PROPERTIES

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

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

Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. For the reporting period of October through December 2017, the extraction wells were pumping at an average combined rate of approximately 158 gallons per minute (gpm).

2.2 EFFLUENT CHARACTERISTICS`

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration, on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of October through December 2017 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of October through December 2017, approximately 6.16 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) (67 %) and tetrachloroethene (PCE) (33 %). Analytical results of the groundwater collected from the air stripper for the period of October through December 2017 are included in Appendix C.

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

Table 2-1
Treatment System Pumping Records - 4th Quarter 2017
Stanley Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
October 2017	6,095,970
November 2017	5,823,079
December 2017	5,861,745

Table 2-2
Groundwater Elevation Data - 4th Quarter 2017
Stanley Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	10/21/2017		11/3/2017		12/15/2017	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	90.48	758.73	91.60	757.61	91.25	757.96
EW-3	846.64	118	97.25	749.39	97.40	749.24	97.60	749.04
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	94.00	770.17	94.60	769.57	93.90	770.27
EW-6	831.98	115	104.50	727.48	104.00	727.98	104.00	727.98
EW-7	818.38	78	74.10	744.28	74.00	744.38	74.50	743.88
EW-8	811.13	98	92.00	719.13	91.40	719.73	91.85	719.28
EW-9	811.35	141	103.00	708.35	102.00	709.35	102.55	708.80
EW-10	807.74	INA	62.89	744.85	63.30	744.44	64.11	743.63
RFW-1A	864.37	78	53.08	811.29	52.25	812.12	52.28	812.09
RFW-1B	864.23	200	53.11	811.12	52.27	811.96	52.32	811.91
RFW-2A	857.41	35	18.08	839.33	18.82	838.59	18.78	838.63
RFW-2B	857.73	75	18.56	839.17	19.53	838.20	19.46	838.27
RFW-3B	839.21	153	38.57	800.64	39.41	799.80	38.94	800.27
RFW-4A	830.37	62	38.32	792.05	38.43	791.94	38.30	792.07
RFW-4B	830.37	120	38.15	792.22	38.22	792.15	38.19	792.18
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	5.89	779.15	4.67	780.37	5.02	780.02
RFW-7	805.14	29	7.22	797.92	7.42	797.72	7.68	797.46
RFW-8	860.07	56	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.98	834.04	28.83	833.19	28.43	833.59
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	64.25	785.37	60.05	789.57	61.27	788.35
RFW-12B	844.87	264	52.42	792.45	51.09	793.78	50.88	793.99
RFW-13	849.11	150	63.67	785.44	63.21	785.90	63.43	785.68
RFW-14B	812.39	281	53.08	759.31	53.19	759.20	53.04	759.35
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	28.43	806.23	28.52	806.14	28.44	806.22
RFW-20	842.49	142	36.48	806.01	36.96	805.53	36.85	805.64
RFW-21	832.65	102	24.26	808.39	24.46	808.19	24.42	808.23
PH-7	805.94	89	30.97	774.97	31.26	774.68	31.43	774.51
PH-9	814.94	98	52.43	762.51	52.80	762.14	52.51	762.43
PH-11	820.68	78	54.08	766.60	54.42	766.26	52.16	768.52
PH-12	828.35	87	49.96	778.39	50.26	778.09	50.09	778.26
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	2.08	802.88	2.26	802.70	2.56	802.40
Pembroke #1	INA	INA	11.41	NC	11.20	NC	10.89	NC
Pembroke #2	INA	INA	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	INA	INA	9.97	NC	9.87	NC	10.02	NC
E. Century St.	INA	INA	19.21	NC	19.22	NC	19.26	NC
Lwr. Beckleys. Rd.	INA	INA	56.20	NC	56.01	NC	55.58	NC

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

Table 2-3
Effluent Characteristics Summary - 4th Quarter 2017
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE		
					October 2017	November 2017	December 2017
001	FLOW	average	MGD	NA	0.140	0.134	0.106
		maximum	MGD	NA	0.849	0.609	0.220
	1,1,1-Trichloroethane		ug/l	5	< 1	< 1	< 1
	Tetrachloroethylene		ug/l	5	< 1	< 1	< 1
	Trichloroethylene		ug/l	5	< 1	< 1	< 1
	Total Residual Chlorine		mg/l	< 0.1	< 0.1	< 0.1	< 0.1
	Oil & Grease	maximum	mg/l	15	< 5	< 5	< 5
		monthly average	mg/l	10	< 5	< 5	< 5
	pH	minimum	STD	6.0	6.8	6.9	7.0
		maximum	STD	8.5	7.7	7.2	7.3
	BOD		mg/l	15	0.0	2.0	2.0
	TSS	maximum	mg/l	30	< 1	< 1	< 1
		monthly average	mg/l	20	< 1	< 1	< 1
101 (Monitoring Point)	FLOW	average	MGD	NA	0.085	0.023	0.023
		maximum	MGD	NA	0.150	0.360	0.250
	Fecal Coliform		MPN/100ml	200	1.0	1.0	1.0
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.193
		maximum	MGD	NA	NR	NR	0.236
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1

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

Table 2-4
Summary of Groundwater Analytical Results - November 2017
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	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	0.9 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.1	1.9	NS	1 U	1 U	5.3	30	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	NS	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	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	NS	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	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	110	23	NS	79	5.5	3.7	7.1	0.6	0.7	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	NS	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	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	NS	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	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	48	0.9 J	NS	2	7.8	8.4	53	75	75	2.2
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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

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

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	0.5 J	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1.2	0.7 J	0.8 J	2.9	NS	0.5 J	1 U	NS	11	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.1 J	1 J	1.4 J	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	0.7	0.5	1 U	27	27	49	NS	1 U	1.6	NS	6.6	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	7.3	6.7	55	NS	1 U	1 U	NS	3.2	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

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

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

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.3	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	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.22 J	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	1.4	150	2.9	NS	1 U	ABD	ABD	ABD	1 U	0.3 J	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	2.9	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	12	15	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.52	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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

NS = Not sampled

U = Compound was analyzed but not detected.

ABD = Well has been abandoned

analytical data package is included in Appendix D.

As found in earlier sampling events at the Stanley Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentration of TCE was detected in the groundwater samples collected from wells EW-2 and RFW-12B on the Northeastern portion of the property and the highest concentration of PCE was detected in the groundwater sample collected from wells EW-9 and RFW-4B on the Southwestern portion of the property. The remainder of VOCs present were detected at levels below the Federal Maximum Contaminant Levels (MCL).

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities which were undertaken with the extraction and treatment system during the reporting period (October through December 2017) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate or other routine activities).

Table 3-1
Treatment System Maintenance Activities - 4th Quarter 2017
Stanley Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
Oct-17	Site wide power outage, power was restored and the system is back up and running.
Oct-17	Local power outage, power was restored and the system is back up and running.
Nov-17	EW-4 down for replacement of a relay, EW-4 is back up and running.

4. RECOMMENDATIONS

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

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(OCTOBER – DECEMBER 2017)

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,Andrew Bradley 0780,Keith White 4609

Superintendent: David Coale Certification # 1662

Month: October
Year: 2017

Final Effluent outfall 001																Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethan ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.07000														0.000000		0"	0.0	0.0	0.0				0.191000	D.Jones
2	Clear	0.07200	7.09	0.00												0.000000		0"	0.0	0.0	0.0				0.199219	G. Scheller
3	Clear	0.05700	6.88	0.00												0.012000	<1	1"	5.0	1.0	5.0				0.161909	G. Scheller
4	Clear	0.08500														0.000000		1"	0.0	0.0	0.0				0.235426	G. Scheller
5	Clear	0.07300														0.000000		1"	0.0	0.0	0.0				0.190192	A.Bradley
6	Clear	0.07900														0.000000		1"	0.0	0.0	0.0				0.202753	A.Bradley
7	Clear	0.06600														0.000000		1"	0.0	0.0	0.0				0.168326	K.White
8	Clear	0.07800														0.000000		1"	0.0	0.0	0.0				0.196597	K.White
9	Clear	0.36500	6.87	0.00												0.012000	<1	0"	5.0	1.0	5.0				0.236322	G. Scheller
10	Clear	0.39000	6.81	0.00												0.000000		0"	0.0	0.0	0.0				0.198618	G. Scheller
11	Clear	0.13400														0.000000		0"	0.0	0.0	0.0				0.195170	A.Bradley
12	Clear	0.19200														0.000000		2"	0.0	0.0	0.0				0.198958	G. Scheller
13	Clear	0.16600														0.000000		2"	0.0	0.0	0.0				0.197089	G. Scheller
14	Clear	0.09000														0.000000		2"	0.0	0.0	0.0				0.196245	C. Dallas
15	Clear	0.08000														0.000000		2"	0.0	0.0	0.0				0.195657	C. Dallas
16	Clear	0.08100	6.84	0.00												0.048000	<1	1"	5.0	1.0	5.0				0.204699	G. Scheller
17	Clear	0.07500	7.22	0.00												0.000000		0"	0.0	0.0	0.0				0.194647	G. Scheller
18	Clear	0.07400														0.000000		0"	0.0	0.0	0.0				0.199912	G. Scheller
19	Clear	0.05700														0.000000		1"	0.0	0.0	0.0				0.193599	G. Scheller
20	Clear	0.06200														0.000000		1"	0.0	0.0	0.0				0.196744	G. Scheller
21	Clear	0.07000														0.000000		1"	0.0	0.0	0.0				0.202244	D.Jones
22	Clear	0.07100														0.000000		1"	0.0	0.0	0.0				0.198223	D.Jones
23	Clear	0.05700	7.62	0.00												0.041000	<1	0"	5.0	1.0	5.0				0.154079	G. Scheller
24	Clear	0.18900	7.69	0.00				<3	<5			<0.05		<5		0.000000		1"	0.0	0.0	0.0	<1	<1	<1	0.231308	G. Scheller
25	Clear	0.14500														0.000000		0"	0.0	0.0	0.0				0.196058	G. Scheller
26	Clear	0.08700														0.000000		0"	0.0	0.0	0.0				0.192960	A.Bradley
27	Clear	0.07200														0.000000		0"	0.0	0.0	0.0				0.194342	A.Bradley
28	Clear	0.07300														0.000000		0"	0.0	0.0	0.0				0.193488	G. Scheller
29	Clear	0.09500														0.000000		0"	0.0	0.0	0.0				0.196579	G. Scheller
30	Clear	0.84900	7.51	0.00												0.150000	<1	1"	5.0	1.0	5.0				0.178836	G. Scheller
31	Clear	0.28200	7.55	0.00												0.000000		1"	0.0	0.0	0.0				0.204771	G. Scheller
Total		4.33600														0.263000									6.095970	
Average		0.13987		<0.10	#DIV/0!	#DIV/0!	#DIV/0!	0	0	####	####	0	####	0	####	0.008484	1.0	######	0.8	0.2	0.8	0.0	0.0	0.0	0.196644	
Minimum		0.05700	6.8	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	0.154079	MOR
Maximum		0.84900	7.7	<0.10	0	0	0	0	0	0	0	0	0	0		0.150000	0.0	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.236322	11/27/2017

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Additional Op's & cert # - Garrett Scheller 2500, Dorrance Jones 0763,Andrew Bradley 0780,Martin Whitt 0666,Keith White 4609

Superintendent: David Coale Certification # 1662

Month: November
Year: 2017

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-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.13700														0.000000		0"	0.0	0.0	0.0				0.196389	G. Scheller
2	Clear	0.09200														0.000000		0"	0.0	0.0	0.0				0.194313	G. Scheller
3	Clear	0.10100														0.000000		0"	0.0	0.0	0.0				0.195672	G. Scheller
4	Clear	0.12100														0.000000		0"	0.0	0.0	0.0				0.198861	A.Bradley
5	Clear	0.31900														0.000000		0"	0.0	0.0	0.0				0.196110	A.Bradley
6	Clear	0.16100	7.11	0.00												0.036000	<1	0"	5.0	1.0	5.0				0.162684	G. Scheller
7	Clear	0.15400	6.99	0.00				2.00	<5			<0.05		<5		0.000000		1"	0.0	0.0	0.0	<1	<1	<1	0.205278	G. Scheller
8	Clear	0.60900														0.000000		0"	0.0	0.0	0.0				0.219814	G. Scheller
9	Clear	0.17500														0.000000		0"	0.0	0.0	0.0				0.188745	G. Scheller
10	Clear	0.14900														0.000000		0"	0.0	0.0	0.0				0.196720	G. Scheller
11	Clear	0.09300														0.000000		0"	0.0	0.0	0.0				0.199055	M Whitt
12	Clear	0.08000														0.000000		0"	0.0	0.0	0.0				0.188812	M Whitt
13	Clear	0.11400	6.89	0.00												0.023000	<1	0"	5.0	1.0	5.0				0.196447	G. Scheller
14	Clear	0.13100	7.17	0.00												0.000000		0"	0.0	0.0	0.0				0.194140	G. Scheller
15	Clear	0.11400														0.000000		0"	0.0	0.0	0.0				0.196383	G. Scheller
16	Clear	0.09000														0.000000		0"	0.0	0.0	0.0				0.188105	K.White
17	Clear	0.09500														0.000000		0"	0.0	0.0	0.0				0.198955	K.White
18	Clear	0.07000														0.000000		0"	0.0	0.0	0.0				0.164952	D.Jones
19	Clear	0.23600														0.000000		0"	0.0	0.0	0.0				0.229882	D.Jones
20	Clear	0.10100	6.97	0.00												0.002000	<1	0"	5.0	1.0	5.0				0.151031	G. Scheller
21	Clear	0.10600	7.24	0.00												0.000000		0"	5.0	1.0	5.0				0.220330	G. Scheller
22	Clear	0.08900														0.000000		0"	0.0	0.0	0.0				0.199539	G. Scheller
23	Clear	0.07300														0.000000		0"	0.0	0.0	0.0				0.177385	G. Scheller
24	Clear	0.07800														0.000000		0"	0.0	0.0	0.0				0.198312	G. Scheller
25	Clear	0.07000														0.000000		0"	0.0	0.0	0.0				0.209678	K.White
26	Clear	0.08800														0.000000		0"	0.0	0.0	0.0				0.184220	K.White
27	Clear	0.06200	7.02	0.00												0.000000	<1	0"	5.0	1.0	5.0				0.210605	G. Scheller
28	Clear	0.08800	6.98	0.00												0.000000		0"	0.0	0.0	0.0				0.177485	G. Scheller
29	Clear	0.10900														0.000000		0"	0.0	0.0	0.0				0.194008	G. Scheller
30	Clear	0.10300														0.000000		0"	0.0	0.0	0.0				0.189169	G. Scheller
31																										
Total		4.00800														0.061000									5.823079	
Average		0.13360		<0.10	#DIV/0!	#DIV/0!	#DIV/0!	2	0	#DIV/0!	#DIV/0!	0	#DIV/0!	0	####	0.002033	1.0	#####	0.8	0.2	0.8	0.0	0.0	0.0	0.194103	
Minimum		0.06200	6.9	0.00	0	0	0	2	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.151031	MOR
Maximum		0.60900	7.2	<0.10	0	0	0	2	0	0	0	0	0	0		0.036000	0.0	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.229882	12/19/2017

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

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Additional Op's & cert # - Garrett Scheller 2500 Martin Whitt 0666, Dorrance Jones 0763, Chris Dallas 6202, Andrew Bradley 0780,Keith White 4609

Superintendent: David Coale Certification # 1662

Month: December
Year: 2017

	Final Effluent outfall 001															Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethan ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	TKN mg/l	N+N mg/l	TP mg/l	TN mg/l	O&G mg/l	eColi mpn	Flow MGD	eColi mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	Clear	0.14400														0.000000		0"	0.0	0.0	0.0				0.189963	G. Scheller
2	Clear	0.13600														0.000000		0"	0.0	0.0	0.0				0.193934	M. Whitt
3	Clear	0.11700														0.000000		0"	0.0	0.0	0.0				0.199623	M. Whitt
4	Clear	0.07400	7.08	0.00												0.014000	<1	0"	5.0	1.0	5.0				0.166810	G. Scheller
5	Clear	0.09800	7.03	0.00				2.00	<4			<0.05		<5		0.000000		0"	0.0	0.0	0.0	<1	<1	<1	0.209367	G. Scheller
6	Clear	0.20100														0.000000		0"	0.0	0.0	0.0				0.189516	G. Scheller
7	Clear	0.09500														0.000000		0"	0.0	0.0	0.0				0.191788	G. Scheller
8	Clear	0.06900														0.000000		0"	0.0	0.0	0.0				0.188089	K.White
9	Clear	0.06400														0.000000		0"	0.0	0.0	0.0				0.160844	D.Jones
10	Clear	0.13200														0.000000		0"	0.0	0.0	0.0				0.195521	D.Jones
11	Clear	0.11800	7.22	0.00												0.025000	<1	0"	5.0	1.0	5.0				0.218351	C. Dallas
12	Clear	0.10700														0.000000		0"	0.0	0.0	0.0				0.186653	C. Dallas
13	Clear	0.08700	7.31	0.00												0.000000		0"	0.0	0.0	0.0				0.190225	C. Dallas
14	Clear	0.08400														0.000000		0"	0.0	0.0	0.0				0.189874	A.Bradley
15	Clear	0.08400														0.000000		0"	0.0	0.0	0.0				0.186725	C. Dallas
16	Clear	0.08600														0.000000		0"	0.0	0.0	0.0				0.161451	K.White
17	Clear	0.11000														0.000000		0"	0.0	0.0	0.0				0.215633	K.White
18	Clear	0.08000	7.03	0.00												0.015000	<1	0"	5.0	1.0	5.0				0.165431	G. Scheller
19	Clear	0.11200	7.10	0.00												0.000000		0"	0.0	0.0	0.0				0.222169	G. Scheller
20	Clear	0.09200														0.000000		0"	0.0	0.0	0.0				0.186702	G. Scheller
21	Clear	0.10800														0.000000		0"	0.0	0.0	0.0				0.191758	G. Scheller
22	Clear	0.11400														0.000000		0"	0.0	0.0	0.0				0.184404	G. Scheller
23	Clear	0.22000														0.000000		0"	0.0	0.0	0.0				0.193803	A.Bradley
24	Clear	0.03800														0.000000		0"	0.0	0.0	0.0				0.184761	A.Bradley
25	Clear	0.15300	7.06	0.00												0.000000		0"	0.0	0.0	0.0				0.174701	G. Scheller
26	Clear	0.12100	6.95	0.00												0.000000		0"	5.0	1.0	5.0				0.204065	G. Scheller
27	Clear	0.08800														0.018000	<1	0"	5.0	1.0	5.0				0.160287	G. Scheller
28	Clear	0.10700														0.000000		0"	0.0	0.0	0.0				0.219841	G. Scheller
29	Clear	0.08300														0.000000		2"	0.0	0.0	0.0				0.189932	G. Scheller
30	Clear	0.06600														0.000000		0"	0.0	0.0	0.0				0.161860	D.Jones
31	Clear	0.10000														0.000000		0"	0.0	0.0	0.0				0.187664	D.Jones
Total		3.28800														0.072000									5.861745	
Average		0.10606		<0.10	#DIV/0!	#DIV/0!	#DIV/0!	2	0	####	####	0	####	0	####	0.002323	1.0	#DIV/0!	0.8	0.2	0.8	0.0	0.0	0.0	0.189089	
Minimum		0.03800	7.0	0.00	0	0	0	2	0	0	0	0	0	0		0.000000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.160287	MOR
Maximum		0.22000	7.3	<0.10	0	0	0	2	0	0	0	0	0	0		0.025000	0.0	0.0	5.0	1.0	5.0	0.0	0.0	0.0	0.222169	1/22/2018

APPENDIX B
DISCHARGE MONITORING REPORTS
(OCTOBER - DECEMBER 2017)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 10/01/17 to 10/31/17**	**DMR Due Date:**	**01/28/18**	**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							=	6.8			=	7.7	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
				Sample									=	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		=	0.1399	=	0.849	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
17BlackDeckerWWTP10.pdf	pdf	6008725

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2017-11-27 16:14 (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
Major: No

Permittee: BTR HAMPSTEAD,LLC.
Permittee Address: 626 HANOVER PIKE
HAMPSTEAD, MD 21074

Facility: BTR HAMPSTEAD, LLC.
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 10/01/17 to 10/31/17**

DMR Due Date: **11/28/17**

Status: **NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Title:

Telephone:

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
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon DAILY AV 9 - Conditional Monitoring - Not Required This Period		Req Mon WKLY AVG 9 - Conditional Monitoring - Not Required This Period		Req Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period	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 9 - Conditional Monitoring - Not Required This Period		Req Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period	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: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2017-11-28 09:00 (Time Zone: -05:00)

Report Last Signed By

User: JAYJANNEY
Name: Jay Janney
E-Mail: jjann@menv.com
Date/Time: 2017-11-28 09:00 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: MD0001881
Major: No

Permittee: BTR HAMPSTEAD,LLC.
Permittee Address: 626 HANOVER PIKE
HAMPSTEAD, MD 21074

Facility: BTR HAMPSTEAD, LLC.
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 10/01/17 to 10/31/17**
DMR Due Date: **01/28/18**
Status: **NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample	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	--	Permit Req.						>=	5 INST MIN					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Value NODI							9 - Conditional Monitoring - Not Required This Period								
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Permit Req.	<=	225 MX WK AV			26 - lb/d			<=	45 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI		9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period						
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Permit Req.	<=	150 MX MO AV			26 - lb/d			<=	30 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI		9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period						
00400	pH	1 - Effluent Gross	0	--	Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI							9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.	<=	113 MX WK AV			26 - lb/d			<=	23 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI		9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period						
00530	Solids, total suspended	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI				9 - Conditional Monitoring - Not Required This Period											
00530	Solids, total suspended	1 - Effluent Gross	2	--	Permit Req.			<=	27397 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI				9 - Conditional Monitoring - Not Required This Period											
00530	Solids, total suspended	EG - Effluent Gross	0	--	Permit Req.	<=	75 MX MO AV			26 - lb/d			<=	15 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI		9 - Conditional Monitoring - Not Required This Period							9 - Conditional Monitoring - Not Required This Period						
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Permit Req.									Req Mon MO AVG			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI									9 - Conditional Monitoring - Not Required This Period						
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI				9 - Conditional Monitoring - Not Required This Period											

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 10/01/17 to 10/31/17**	**DMR Due Date:**	**01/28/18**	**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	=	8484	=	150000	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
17BlackDeckerWWTP10.pdf	pdf	6008725

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2017-11-27 16:14 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-11-28 06:23 (Time Zone: -05:00)

00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Permit Req. Value NODI Sample				Req Mon CUM TOTL 9 - Conditional Monitoring - Not Required This Period	50 - lb/yr					01/30 - Monthly	CA - CALCTD
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Permit Req. Value NODI Sample							Req Mon MO AVG 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Permit Req. Value NODI Sample	<=	21 MX DA AV 9 - Conditional Monitoring - Not Required This Period			26 - lb/d	<=	4.1 MX DA AV 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Permit Req. Value NODI Sample	<=	9 MX MO AV 9 - Conditional Monitoring - Not Required This Period			26 - lb/d	<=	1.8 MX MO AV 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	01/30 - Monthly	CA - CALCTD
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Permit Req. Value NODI Sample							Req Mon MO AVG 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req. Value NODI Sample	<=	2.3 MX WK AV 9 - Conditional Monitoring - Not Required This Period			26 - lb/d	<=	0.45 MX WK AV 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req. Value NODI Sample				Req Mon MO TOTAL 9 - Conditional Monitoring - Not Required This Period	76 - lb/mo					01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req. Value NODI Sample			<=	548 CUM TOTL 9 - Conditional Monitoring - Not Required This Period	50 - lb/yr					01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	EG - Effluent Gross	0	--	Permit Req. Value NODI Sample	<=	1.5 MX MO AV 9 - Conditional Monitoring - Not Required This Period			26 - lb/d	<=	0.3 MX MO AV 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	01/30 - Monthly	CA - CALCTD
04175	Phosphate, ortho [as P]	1 - Effluent Gross	0	--	Permit Req. Value NODI Sample							Req Mon MO AVG 9 - Conditional Monitoring - Not Required This Period		19 - mg/L	02/07 - Twice Every Week	CA - CALCTD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req. Value NODI Sample		Req Mon MO AVG 9 - Conditional Monitoring - Not Required This Period		Req Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period	03 - MGD					99/99 - Continuous	RF - RCDFLO
51040	E. coli	1 - Effluent Gross	0	--	Permit Req. Value NODI Sample						<=	60 MO MAX 9 - Conditional Monitoring - Not Required This Period		30 - MPN/100mL	01/07 - Weekly	GR - GRAB
82220	Flow, total	1 - Effluent Gross	0	--	Permit Req. Value NODI				Req Mon MO TOTAL 9 - Conditional Monitoring - Not Required This Period	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: JAYJANNEY

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 11/01/17 to 11/30/17**	DMR Due Date:	**01/28/18**	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										=	2	19 - mg/L		01/30 - Monthly	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	6.9			=	7.2	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample								=	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	=	0.1336	=	0.609	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
17BlackDeckerWWTP11.pdf	pdf	3143944

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-12-20 09:23 (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 11/01/17 to 11/30/17**	DMR Due Date:	**12/28/17**	Status:	**NotDMR 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.							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX	15 - deg F	24/01 - Hourly	IT - Immersion Stabilization
					Value NODI							C - No Discharge		C - No Discharge		C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	MS - MEASRD
					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:	2017-12-20 09:22 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-12-20 09:43 (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 11/01/17 to 11/30/17**	DMR Due Date:	**01/28/18**	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	=	2033	=	36000	07 - gal/d									01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								0	01/07 - Weekly	MS - MEASRD
					Value NODI															
					Sample								=	1			30 - MPN/100mL		01/07 - Weekly	GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	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
17BlackDeckerWWTP11.pdf	pdf	3143944

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-12-20 09:43 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2017-12-20 09:43 (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 11/01/17 to 11/30/17**	**DMR Due Date:**	**01/28/18**	**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			
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			<=	0.45 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD

					C - No Discharge					C - No Discharge			
00665 Phosphorus, total [as P]	1 - Effluent Gross	1	--			Req Mon MO TOTAL C - No Discharge	76 - lb/mo					01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]	1 - Effluent Gross	2	--			548 CUM TOTL C - No Discharge	50 - lb/yr					01/30 - Monthly	CA - CALCTD
00665 Phosphorus, total [as P]	EG - Effluent Gross	0	--		1.5 MX MO AV C - No Discharge		26 - lb/d	<=	0.3 MX MO AV C - No Discharge	19 - mg/L		01/30 - Monthly	CA - CALCTD
04175 Phosphate, ortho [as P]	1 - Effluent Gross	0	--						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	--		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	--					<=	60 MO MAX C - No Discharge	30 - MPN/100mL		01/07 - Weekly	GR - GRAB
82220 Flow, total	1 - Effluent Gross	0	--			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: JAYJANNEY

Name: Jay Janney

E-Mail: jjann@menv.com

Date/Time: 2017-12-20 09:22 (Time Zone: -05:00)

Report Last Signed By

User: JAYJANNEY

Name: Jay Janney

E-Mail: jjann@menv.com

Date/Time: 2017-12-20 09:43 (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:	201 External Outfall	**Discharge:**	**201-A3** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 10/01/17 to 12/31/17**	**DMR Due Date:**	**01/28/18**	**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
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon MO AVG	<=	5 DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
74076	Flow	1 - Effluent Gross	0	--	Sample	=	0.1933	=	0.2363	03 - MGD									01/90 - Quarterly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	MS - MEASRD
					Value NODI															
76029	Organics, tot purgeables [Method 624]	1 - Effluent Gross	0	--	Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon MO AVG	<=	100 DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
78389	Tetrachloroethene	1 - Effluent Gross	0	--	Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon MO AVG	<=	5 DAILY MX			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
78391	Trichloroethene	1 - Effluent Gross	0	--	Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					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
17BlackDeckerWWTP12.pdf	pdf	3793615

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	JAYJANNEY
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Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-01-22 15:17 (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:	001 External Outfall	**Discharge:**	**001-A1** 16-DP-0022		

Report Dates & Status

Monitoring Period:	**From 12/01/17 to 12/31/17**	**DMR Due Date:**	**01/28/18**	**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										=	2	19 - mg/L		01/30 - Monthly	GR - GRAB
00310 BOD, 5-day, 20 deg. C		1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	7			=	7.3	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400 pH		1 - Effluent Gross	0	--	Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample								=	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	=	0.1061	=	0.22	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
17BlackDeckerWWTP12.pdf	pdf	3793615

Report Last Saved By

BTR HAMPSTEAD,LLC.

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Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
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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 12/01/17 to 12/31/17**	**DMR Due Date:**	**01/28/18**	**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															
					Permit Req.							Req Mon DAILY AV		Req Mon WKLY AVG		Req Mon DAILY MX	15 - deg F		24/01 - Hourly	IT - Immersion Stabilization
					Value NODI							C - No Discharge		C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	MS - MEASRD
					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

Name	Type	Size
17BlackDeckerWWTP12.pdf	pdf	3793615

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
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Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-01-22 09:11 (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 12/01/17 to 12/31/17**	**DMR Due Date:**	**01/28/18**	**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	=	2323	=	25000	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
17BlackDeckerWWTP12.pdf	pdf	3793615

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	AMYKLINE
Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-01-22 08:37 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-01-22 09:11 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: MD0001881
Major: No

Permittee: BTR HAMPSTEAD,LLC.
Permittee Address: 626 HANOVER PIKE
HAMPSTEAD, MD 21074

Facility: BTR HAMPSTEAD, LLC.
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 12/01/17 to 12/31/17

DMR Due Date: 01/28/18

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Title:

Telephone:

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					19 - mg/L		02/01 - Twice Per Day	CA - CALCTD
					Permit Req.							C - No Discharge								
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	225 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						
00310	BOD, 5-day, 20 deg. C	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	150 MX MO AV			26 - lb/d			<=	30 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI		C - No Discharge							C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/01 - Twice Per Day	CA - CALCTD
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	113 MX WK AV			26 - lb/d			<=	23 MX WK AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI		C - No Discharge							C - No Discharge						
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI				C - No Discharge											
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample															
					Permit Req.			<=	27397 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI				C - No Discharge											
00530	Solids, total suspended	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	75 MX MO AV			26 - lb/d			<=	15 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI		C - No Discharge							C - No Discharge						
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI									C - No Discharge						
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - CALCTD
					Value NODI				C - No Discharge											
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample															
					Permit Req.				Req Mon CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - CALCTD
					Value NODI				C - No Discharge											
00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI									C - No Discharge						
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample															
					Permit Req.	<=	21 MX DA AV			26 - lb/d			<=	4.1 MX DA AV			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD
					Value NODI		C - No Discharge							C - No Discharge						
00610	Nitrogen, ammonia total [as N]	EA - Effluent Adjusted Value	0	--	Sample															
					Permit Req.	<=	8.5 MX MO AV			26 - lb/d			<=	1.3 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI		C - No Discharge							C - No Discharge						
00610	Nitrogen, ammonia total [as N]	EG - Effluent Gross	0	--	Sample															
					Permit Req.	<=	9 MX MO AV			26 - lb/d			<=	1.8 MX MO AV			19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI		C - No Discharge							C - No Discharge						
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG			19 - mg/L		02/07 - Twice Every Week	CA - CALCTD

				Value NODI							C - No Discharge			
				Sample										
00665 Phosphorus, total [as P]	1 - Effluent Gross	0	--	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	78 - 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

Name	Type	Size
17BlackDeckerWWTP12.pdf	pdf	3793615

Report Last Saved By

BTR HAMPSTEAD,LLC.

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Name:	Amy Kline
E-Mail:	akline@menv.com
Date/Time:	2018-01-22 08:38 (Time Zone: -05:00)

Report Last Signed By

User:	JAYJANNEY
Name:	Jay Janney
E-Mail:	jjann@menv.com
Date/Time:	2018-01-22 09:11 (Time Zone: -05:00)

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS (OCTOBER - DECEMBER 2017)

L696118 2

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 107217

Lab: _____

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			Collectors ID #: 2500 GS
Sample Location:	Final 101 - Grab			
Bottle Numbers:	Chem:		Bact: BTR-1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 10-3-17		Time: 0913	Name: Garrett Schaller
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH:	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (y/n)	Total: >5.0 mg/l

Pres.	Analysis	Method *	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	10-3-17 217p	10-4-17 1130a	DD

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by: [signature] Date 10-5-17

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

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Schaller	10-3-17	11:15	[signature]	10/3/17	11:15
2	[signature]	10-3-17	1:10pm	[signature]	10/3/17	1:10pm
3						
4						
5						
6						

Sample Description: L5770687-1 Grab Wastewater

Project Name: L5770687

Eurofins QC Laboratories
ELLE Sample #: WW 9282546
ELLE Group #: 1867241
Matrix: Wastewater

Submittal Date/Time: 10/25/2017 19:00
Collection Date/Time: 10/24/2017 08:10

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	U173031AA	10/30/2017 22:08	Joshua S Hess	1

Sample Description: L5770687-2 Wastewater

Project Name: L5770687

Eurofins QC Laboratories
ELLE Sample #: WW 9282547
ELLE Group #: 1867241
Matrix: Wastewater

Submittal Date/Time: 10/25/2017 19:00
Collection Date/Time: 10/24/2017 08:11

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

Sample Description: L5770687-2 Wastewater

Project Name: L5770687

Eurofins QC Laboratories
ELLE Sample #: WW 9282547
ELLE Group #: 1867241
Matrix: Wastewater

Submittal Date/Time: 10/25/2017 19:00
Collection Date/Time: 10/24/2017 08:11

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
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	U173031AA	10/30/2017 22:31	Joshua S Hess	1

Eurofins QC, Inc.

Analytical Report

Printed 11/02/17 16:15 DE36

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

Order Number: L6949843
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-24-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID L6949843-1 **Sample Description** BTR 001 GRAB
Received Date/Time/Temp 10/24/17 04:30pm 3.5 C **Iced (Y/N):** Y

Samp. Date/Time/Temp 10/24/17 08:00am NA C **Sampled by** Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	ND		mg/l	SM 2540D	1	5.00	10/27/17 09:27AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	ND		mg/l	SM 5210B	0	3.00	10/25/17 08:50AM SKJ

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample ID L6949843-2 **Sample Description** BTR 001 COMP
Received Date/Time/Temp 10/24/17 04:30pm 3.5 C **Iced (Y/N):** Y

Samp. Date/Time/Temp 10/24/17 08:00am NA C **Sampled by** Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	10/26/17 02:09PM ALW

Sample Comments | Result Qualifiers:

L6949843-1 :

PIN: 17237

Serial Number: 6387926

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

Sample Description: L6949843-1 Grab Wastewater
BTR 001

Project Name: L6949843

Submittal Date/Time: 10/24/2017 18:36
Collection Date/Time: 10/24/2017 08:00

Eurofins QC Laboratories
ELLE Sample #: WW 9279850
ELLE Group #: 1866636
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

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	17300807904A	10/27/2017 20:10	Huyen Dao-Kendig	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 10/30/2017 11:12

Group Number: 1866636

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: 17300807904A	Sample number(s): 9279850	
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: 17300807904A	Sample number(s): 9279850								
HEM (oil & grease)	40	38.3	40	36	96	90	78-114	6	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: 17300807904A	Sample number(s): 9279850 UNSPK: P282133									
HEM (oil & grease)	N.D.	42.6	35.53			83		78-114		

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

Eurofins QC, Inc.

Analytical Report

Printed 11/17/17 13:27 DE36

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

Order Number:	L6970573
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-30-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6970573-1	BTR 101	10/30/17 09:05am NA C	Customer

Received Date/Time 10/30/17 01:45pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L6970573-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 6392273

L6970573

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 107638

Project No. 2559 - 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:** 10-30-17		**Time:** 0905	**Name:** Garrett Scheller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (Y/ n)**	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	10-30-17 226p	10-31-17 1050a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None – iced~~ ✓ GP
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. Mus Date 11-2-17

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

Chain of Custody:	Relinquished by:			Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett & other	10-30-17	10:15	J Bush	10/30/17	1015
2	J Cunha	10-30-17	1:45	E Bush	10-30-17	1:45p
3						
4						
5						
6						

Eurofins QC, Inc.

Analytical Report

Printed 11/27/17 15:37 DE36

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

Order Number: L6967841
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-23-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6967841-1	FINAL EFFLUENT 101 **Received Date/Time** 10/23/17 01:14pm	10/23/17 09:07am NA C	Customer

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L6967841-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6393821

L6967841

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 107492

Project No. 2559 - 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:** 10-23-17		**Time:** 0907	**Name:** Garett Schaller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (Y) n)**	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	10-23-17 2330	10-24-17 1100	MLJ

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by: [signature] Date 10-25-17

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

Chain of Custody:		Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garett Schaller	10-23-17	10:15	[signature]	10/23/17	10:15
2	[signature]	10/23/17	1:14	[signature]	10-23-17	1:14pm
3						
4						
5						
6						

Eurofins QC, Inc.

Analytical Report

Printed 11/27/17 16:05 DE36

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

Order Number:	L6967842
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-16-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6967842-1	FINAL EFFLUENT 101	10/16/17 09:17am NA C	Customer

Received Date/Time 10/16/17 02:00pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L6967842-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6393850

L967842

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 107354

Lab: _____

Project No. 2559 - 2085.700

09/12/96

Facility Name (Source):	Black & Decker BTR WWTP			Collectors ID #: 5514
Sample Location:	Final 101 - Grab			
Bottle Numbers:	Chem:		Bact: BTR-1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 10-16-17		Time: 0910	Name: Brian Musselman
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH: 7.70	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: 19.4 °C	Before DeCl2 (y) n)	Total: > 5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	(SM9223B/ 9221F)	<1.0	MPN/100ml	10-16-17 300p	10-17-17 120p	DD

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by: [signature] Date 10-19-17

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

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	10-16-17	10:05	[signature]	10/16/17	10:05
2	[signature]	10-16-17	200	[signature]	10-16-17	200
3						
4						
5						
6						

Eurofins QC, Inc.

Analytical Report

Printed 11/27/17 15:38 DE36

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

Order Number:	L6967843
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	10-09-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6967843-1	EFFLUENT 101	10/09/17 09:15am NA C	Customer

Received Date/Time 10/09/17 01:15pm

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample Comments | Result Qualifiers:

L6967843-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237

Serial Number: 6393823

L696843

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 107286

Project No. ____-____

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			Collectors ID #: 09050C
Sample Location:	101			
Bottle Numbers:	Chem:		Bact: BD-109-17 #1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 10-9-17		Time: 9:15	Name: David Cole
Sample Type:	Drinking Water:	Effluent: /	Influent:	Other:
Field Tests:	pH: 8.35	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (y / n)	Total: >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	10.9.17 1:45p	10-10-17 10:45A	MW
		* 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 Doreen A. Marion Date 10/12/17

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

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	DCG	10-9-17	10:10	[illegible]	10/9/17	10:10
2	[illegible]	10-9-17	1:15	[illegible]	10-9-17	1:15p
3						
4						
5						
6						

Eurofins QC, Inc.

Analytical Report

Printed 11/27/17 15:30 DE36

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

Order Number: L6962332
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 11-07-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6962332-1 BTR 001 GRAB 11/07/17 08:38am NA C Customer
Received Date/Time/Temp 11/07/17 04:30pm 1.1 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	ND		mg/l	SM 2540D	1	5.00	11/09/17 09:35AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	2.00		mg/l	SM 5210B	1.5	2.00	11/08/17 08:55AM SKJ

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6962332-2 BTR 001 COMP 11/07/17 08:42am NA C Customer
Received Date/Time/Temp 11/07/17 04:30pm 1.1 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	11/09/17 02:21PM ALW

Sample Comments | Result Qualifiers:

L6962332-1 :

PIN: 17237 Serial Number: 6393809

eurofins | Lancaster Laboratories Environmental

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

Analysis Report

Sample Description: L6962332-1 Grab Wastewater
BTR 001

Project Name: L6962332

Submittal Date/Time: 11/07/2017 19:20
Collection Date/Time: 11/07/2017 08:38

Eurofins QC Laboratories
ELLE Sample #: WW 9304767
ELLE Group #: 1872393
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

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	17325807902A	11/21/2017 09:54	Yolunder Y Bunch	1

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 11/22/2017 14:53

Group Number: 1872393

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: 17325807902A	Sample number(s): 9304767	
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: 17325807902A	Sample number(s): 9304767								
HEM (oil & grease)	40	37.8	40	37.8	95	95	78-114	0	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: 17325807902A	Sample number(s): 9304767 UNSPK: P308306									
HEM (oil & grease)	2.87	42.1	36.84			81		78-114		

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

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Sample Description: L6968856-1 Grab Wastewater
BTR 201

Project Name: L6968856

Submittal Date/Time: 11/07/2017 19:20
Collection Date/Time: 11/07/2017 09:00

Eurofins QC Laboratories
ELLE Sample #: WW 9304768
ELLE Group #: 1872394
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. Q4	1	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10371	Chloroform	67-66-3	N.D.	1	1
10371	Chloromethane	74-87-3	N.D.	1	1
10371	Dibromochloromethane	124-48-1	N.D.	1	1
10371	1,2-Dichlorobenzene	95-50-1	N.D.	1	1
10371	1,3-Dichlorobenzene	541-73-1	N.D.	1	1
10371	1,4-Dichlorobenzene	106-46-7	N.D.	1	1
10371	1,1-Dichloroethane	75-34-3	N.D.	1	1
10371	1,2-Dichloroethane	107-06-2	N.D.	1	1
10371	1,1-Dichloroethene	75-35-4	N.D.	1	1
10371	trans-1,2-Dichloroethene	156-60-5	N.D.	1	1
10371	1,2-Dichloropropane	78-87-5	N.D.	1	1
10371	cis-1,3-Dichloropropene	10061-01-5	N.D.	1	1
10371	trans-1,3-Dichloropropene	10061-02-6	N.D.	1	1
10371	Ethylbenzene	100-41-4	N.D.	1	1
10371	Methylene Chloride	75-09-2	N.D.	1	1
10371	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1	1
10371	Tetrachloroethene	127-18-4	N.D.	1	1
10371	Toluene	108-88-3	N.D.	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	1	1
10371	1,1,2-Trichloroethane	79-00-5	N.D.	1	1
10371	Trichloroethene	79-01-6	N.D.	1	1
10371	Trichlorofluoromethane	75-69-4	N.D.	1	1
10371	Vinyl Chloride	75-01-4	N.D.	1	1

Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10371	VOCs- 5ml Water by 624	EPA 624	1	U173171AA	11/14/2017 03:52	Hu Yang	1

Eurofins QC, Inc.

Analytical Report

Printed 11/16/17 13:37 DE36

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

Order Number:	L6968856
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	11-07-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6968856-1	BTR 201	11/07/17 09:00am NA C	Customer

Received Date/Time/Temp 11/07/17 04:30pm 1.1 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:

L6968856-1 :

PIN: 17237

Serial Number: 6391804

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 107767

Project No. 2559 - 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:** 11-6-17		**Time:** 0910	**Name:** Garrett Schaller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (y)/ n) **	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	11-6-17 250p	11-7-17 1030a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced VGD
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. Main Date 11-7-17

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

Chain of Custody:	Relinquished by:			Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Schaller	11-6-17	10:05		11-6-17	10:05
2		11-6-17	1:35	EDC	11-6-17	1:35p
3						
4						
5						
6						

Lab: CEL

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 107900

Project No. _____-_____

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			**Collectors ID #:** 0905 DC
Sample Location:	Final 101			
Bottle Numbers:	**Chem:**		**Bact:** 5-11-13-17 4	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 11-13-17		**Time:** 9:08	**Name:** David Coale
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (Y / n)**	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	11-13-17 250p	11-14-17 1025a	JS
		* Please make sure method utilized is circled or written					

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

Comments: Compliance

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

Reviewed by A. Mus Date 11-16-17

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

Chain of Custody:		Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	DfCl	11-13-17	9:49		11-13-17	9:49
2		11-13-17	1:22		11-13-17	1:22p
3						
4						
5						
6						

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 168034

Project No. 2559 -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:** 11-20-17		**Time:** 0907	**Name:** Garrett Schaller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2** (y)/ n)	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/9221F	<1.0	MPN/100ml	11-20-17 1555p	11-21-17 1100a	DD

* Please make sure method utilized is circled or written

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

Comments:

Chesapeake Environmental Lab, Inc.
(410) 643-0600
1-800-300-TEST

Reviewed by: A.M. Date 11-21-17

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

Chain of Custody:		Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Schaller	11-20-17	10:30		11-20-17	10:30
2		11-20-17	1:30		11-20-17	1:30
3						
4						
5						
6						

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 108096

Project No. 2559 -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:** 11-27-17		**Time:** 0907	**Name:** Garrett Scheller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (y / n)**	**Total:** > 5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	11-27-17 2010	11-28-17 1035a	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by [signature] Date 11-29-17

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

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Garrett Scheller	11-27-17	10:00	[signature]	11/27/17	10:00
2	[signature]	11/27/17	12:47	[signature]	11-27-17	12:47
3						
4						
5						
6						

Eurofins QC, Inc.

Analytical Report

Printed 11/03/17 14:51 DE36

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

Order Number: L5770687
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 10-24-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L5770687-1	BTR-4 201	10/24/17 08:10am NA C	Customer

Received Date/Time/Temp 10/24/17 04:30pm 3.5 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
L5770687-2	BTR-5 201	10/24/17 08:11am NA C	Customer

Received Date/Time/Temp 10/24/17 04:30pm 3.5 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:

L5770687-1 :

L5770687-2 :

PIN: 17237 Serial Number: 6388519

L5770687

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

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

Lab # / Client Code	Sampler: Brian Masselman
Client Name/Phone/FAX: Maryland Environmental Service	Project Name: **BTR WWTP (Quarterly)**
Client Address	Project Number: 593-9384-1700
Invoice Address	Sample Turnaround Time:

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-4	BTR 201	~~Monthly~~ ~~Quarterly~~ Grab	40ml Glass VOA Vial, HCl	WW	3	10-24-17	8:10 ~~1010~~	1,1,1,-Trichloroethane, Tetrachloroethylene, Trichloroethene MDE Table I VOC's -EPA 624 Purgeables
	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3			Volatiles Organics EPA 624 Purgeables
BTR-5	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3	10-24-17	8:11	Total Volatiles Organics EPA 624 Purgeables

Transferred by: BM	Received by:	Date 10/24/17	Time 1135	Cooler Receipt Information (LAB USE ONLY)
Transferred by:	Received by:	Date 10-24-17	Time 1502	Sufficient ice? - (Yes)/No If No, temp.= 3.5°
Transferred by:	Received by:	Date 10/24/17	Time 1630	Sample containers pres'd? - (Yes)/No If No, explain
				Custody Seal present/intact? - Yes/No
				Initials: Date:

10/25/17 10:30 Cooler 74 4A

TEMP 3.5

Sample Description: L5770687-1 Grab Wastewater

Project Name: L5770687

Eurofins QC Laboratories
ELLE Sample #: WW 9282546
ELLE Group #: 1867241
Matrix: Wastewater

Submittal Date/Time: 10/25/2017 19:00
Collection Date/Time: 10/24/2017 08:10

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	U173031AA	10/30/2017 22:08	Joshua S Hess	1

Sample Description: L5770687-2 Wastewater

Project Name: L5770687

Eurofins QC Laboratories
ELLE Sample #: WW 9282547
ELLE Group #: 1867241
Matrix: Wastewater

Submittal Date/Time: 10/25/2017 19:00
Collection Date/Time: 10/24/2017 08:11

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

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

Sample Description: L5770687-2 Wastewater

Project Name: L5770687

Eurofins QC Laboratories
ELLE Sample #: WW 9282547
ELLE Group #: 1867241
Matrix: Wastewater

Submittal Date/Time: 10/25/2017 19:00
Collection Date/Time: 10/24/2017 08:11

CAT No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**EPA 624**		ug/l	ug/l	
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	U173031AA	10/30/2017 22:31	Joshua S Hess	1

1867241 L5770687

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

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

Lab # _____ Client Code _____ Sampler Brian Musselman

Client Name/Phone/FAX Maryland Environmental Service Project Name **BTR WWTP (Quarterly)**

Client Address Project Number 593-9384-1700

Invoice Address Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-4	BTR 201	~~Monthly~~ ~~Quarterly~~ Grab	40ml Glass VOA Vial, HCl	WW	3	10-24-17	8:10 ~~1010~~	1,1,1,-Trichloroethane, Tetrachloroethylene, Trichloroethene MDE Table I VOC's -EPA 624 Purgeables
	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3			Volatiles Organics EPA 624 Purgeables
BTR-5	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3	10-24-17	8:11	Total Volatiles Organics EPA 624 Purgeables

Transferred by: BM	Received by:	Date 10-24-17	Time 1135	Cooler Receipt Information (LAB USE ONLY)
Transferred by:	Received by:	Date 10-24-17	Time 1502	Sufficient ice? - Yes/No If No, temp.= 3.5°
Transferred by:	Received by:	Date 10/24/17	Time 1630	Sample containers pres'd? - Yes/No If No, explain
				Custody Seal present/intact? - Yes/No
				Initials: Date:

10/25/17 10:30 Cooler 7+ 4A

TEMP 3.5 10/25/17 1400

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 163724

09/12/96

Project No. 2559 - 2085-1700

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:** 12-4-17		**Time:** 0909	**Name:** Garrett Scheller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2** (y / n)	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	12-4-17 230p	12-5-17 1035a	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by [signature] Date 12-6-17

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

Chain of Custody:	Name:	Relinquished by: Date:	Time:	Accepted by: Name:	Date:	Time:
1	Garrett Scheller	12-4-17	10:15	[signature]	12/4/17	10:15
2	[signature]	12-4-17	1:43	[signature]	12-4-17	1:43p
3						
4						
5						
6						

Eurofins QC, Inc.

Analytical Report

Printed 12/15/17 14:39 DE36

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

Order Number:	L6978347
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	12-05-2017
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341 PI
PWSID No:

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6978347-1	BTR 201	12/05/17 09:45am NA C	Customer

Received Date/Time/Temp 12/05/17 04:15pm 0.9 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:

L6978347-1 :

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

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

L-697847

Lab # [redacted] Client Code [redacted]

Sampler Brian Musselman 5514

Client Name/Phone/FAX Maryland Environmental Service

Project Name BTR WWTP (Quarterly)

Client Address

Project Number 593-9384-1700

Invoice Address

Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-5	BTR 201	Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	12-5-17	0945	1,1,1,-Trichloroethane, Tetrachloroethylene, Trichloroethene MDE Table I VOC's -EPA 624 Purgeables
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]			[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]			[redacted]

Transferred by:	Received by:	Date 12/5/17	Time 1130
Transferred by:	Received by:	Date 12/5/17	Time 1459
Transferred by:	Received by:	Date 12/5/17	Time 1710

Cooler Receipt Information (LAB USE ONLY)

Sufficient ice? - Yes/No If No, temp.= 0.9

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

Custody Seal present/intact? - Yes/No

Initials: Date:

Cooler 07A 12/5/17 1710

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

Sample Description: L6978347-1 Grab Wastewater
BTR 201

Project Name: L6978347

Eurofins QC Laboratories
ELLE Sample #: WW 9350026
ELLE Group #: 1882737
Matrix: Wastewater

Submittal Date/Time: 12/05/2017 19:00
Collection Date/Time: 12/05/2017 09:45

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	U173432AA	12/10/2017 03:57	Joshua S Hess	1

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 12/14/2017 15:05

Group Number: 1882737

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 ug/l	LOQ ug/l
Batch number: U173432AA	Sample number(s): 9350026	
Tetrachloroethene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1

LCS/LCSD

Analysis Name	LCS Spike Added ug/l	LCS Conc ug/l	LCSD Spike Added ug/l	LCSD Conc ug/l	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: U173432AA	Sample number(s): 9350026								
Tetrachloroethene	20	20.57			103		77-122		
1,1,1-Trichloroethane	20	21.7			109		77-123		
Trichloroethene	20	20.11			101		80-120		

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: U173432AA	Sample number(s): 9350026 UNSPK: P353003									
Tetrachloroethene	N.D.	20	21.65	20	21.72	108	109	77-122	0	30
1,1,1-Trichloroethane	N.D.	20	23.25	20	23.11	116	116	77-123	1	30
Trichloroethene	N.D.	20	20.65	20	20.78	103	104	80-120	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.

Eurofins QC, Inc.

Analytical Report

Printed 12/14/17 14:55 DE36

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

Order Number: L6971449
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 12-05-2017
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID L6971449-1 **Sample Description** BTR 001 GRAB
Received Date/Time/Temp 12/05/17 04:15pm 0.9 C **Iced (Y/N):** Y
Samp. Date/Time/Temp Sampled by 12/05/17 08:53am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	ND		mg/l	SM 2540D	1	4.00	12/07/17 11:01AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	2.00		mg/l	SM 5210B	1.5	2.00	12/06/17 11:25AM SKJ

--SUBCONTRACTED RESULT REFERENCES--

See attached reports for the following Subcontract Laboratories:

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

Sample ID L6971449-2 **Sample Description** BTR 001 COMP
Received Date/Time/Temp 12/05/17 04:15pm 0.9 C **Iced (Y/N):** Y
Samp. Date/Time/Temp Sampled by 12/05/17 09:00am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	12/07/17 02:00PM ALW

Sample Comments | Result Qualifiers:

L6971449-1 :

PIN: 17237 Serial Number: 6398664

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

L6971449

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

Lab # Client Code

Sampler Brian Mutschlman 5514

Client Name/Phone/FAX Maryland Environmental Service

Project Name **BTR WWTP (Monthly)**

Client Address

Project Number 593-9384-1700

Invoice Address

Sample Turnaround Time KF 10/2017

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	12-5-17	0853	BOD
BTR-2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	12-5-17	0900	TP
BTR-3		Monthly Grab	1 Liter Glass H2S04	WW	1	12-5-17	0855	Oil and Grease
BTR-4	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	12-5-17	0857	TSS

Transferred by:	Received by:	Date 12/5/17	Time 11:30
Transferred by:	Received by:	Date 12/5/17	Time 0439
Transferred by:	Received by: 07A	Date 12/5/17	Time 17:10

Cooler Receipt Information (LAB USE ONLY)

Sufficient ice? (Yes)/No If No, temp.= 0.9

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

Custody Seal present/intact? - Yes/No

Initials: Date:

Cooler 07A

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

Sample Description: L6971449-1 Grab Wastewater
BTR 001

Project Name: L6971449

Submittal Date/Time: 12/05/2017 19:00
Collection Date/Time: 12/05/2017 08:55

Eurofins QC Laboratories
ELLE Sample #: WW 9350009
ELLE Group #: 1882730
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

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	17342807902A	12/08/2017 08:10	Yolunder Y Bunch	1

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

Quality Control Summary

Client Name: Eurofins QC Laboratories
Reported: 12/11/2017 10:52

Group Number: 1882730

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: 17342807902A	Sample number(s): 9350009	
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: 17342807902A	Sample number(s): 9350009								
HEM (oil & grease)	40	38.4	40	37.8	96	95	78-114	2	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: 17342807902A	Sample number(s): 9350009 UNSPK: P350046									
HEM (oil & grease)	N.D.	42.1	39.79			95		78-114		

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

G-1002730

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

L-697-449

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

Lab # _____ Client Code _____

Sampler Brian Mutschman 5514

Client Name/Phone/FAX Maryland Environmental Service

Project Name **BTR WWTP (Monthly)**

Client Address

Project Number 593-9384-1700

Invoice Address

Sample Turnaround Time KF 10/2017

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	12-5-17	0853	BOD
BTR-2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	12-5-17	0900	TP
BTR-3		Monthly Grab	1 Liter Glass H2S04	WW	1	12-5-17	0855	Oil and Grease
BTR-4	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	12-5-17	0857	TSS

Transferred by: _____ Received by: _____ Date 12/5/17 Time 11:30

Transferred by: _____ Received by: _____ Date 12/5/17 Time 1434

Transferred by: _____ Received by: _____ Date 12/5/17 Time 17:10

Cooler Receipt Information (LAB USE ONLY)

Sufficient ice? (Yes)/No If No, temp.= 0.9

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

Custody Seal present/intact? - Yes/No

Initials: Date:

Cooler 07A

12-5-17 1900

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 1C5338

Project No. 2559 - 2085.100

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			Collectors ID #: CD 6262
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: 12-11-17		Time: 0906	Name:
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH: 8.14	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: 6.6 °C	Before DeCl2 (y / n)	Total: mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	12-11-17 212p	12-12-17 1130a	SS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by A. Muir Date 12-12-17

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

Chain of Custody:	Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	Chris Dalby	12-11-17	9:50		12/11/17	9:50
2		12-11-17	1:38		12-11-17	1:38p
3						
4						
5						
6						

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 118437

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black and Decker (BTR) WWTP			Collectors ID #: 2500
Sample Location:	Outfall 101			
Bottle Numbers:	Chem:		Bact: BTR-1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 12-18-17		Time: 0912	Name: Garrett Schaller
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH:	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow: mgd		Temp: °C	Before DeCl2 (y) / n)	Total: >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	SM9223B/ 9221F	<1.0	MPN/100ml	12-18-17 232p	12-19-17 1030a	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by [signature] Date 12-20-17

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

Chain of Custody:		Relinquished by:		Accepted by:		
	Name:	Date:	Time:	Name:	Date:	Time:
1	[signature]	12-18-17	10:50	[signature]	12-18-17	1030
2	[signature]	12-18-17	1:00	[signature]	12-18-17	1800
3						
4						
5						
6						

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 165512

09/12/96

Project No. 2559 - 2085-1700

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:** 12-27-17		**Time:** 0905	**Name:** Garrett Schaller
Sample Type:	**Drinking Water:**	**Effluent:** Final 101	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °C	**Before DeCl2 (y/n)**	**Total:** >5.0 mg/l

Pres.	Analysis	Method*	Result	Units	Test Start D/T	Test End D/T	Tech
	BOD5	SM5210B		mg/L			
	TSS	SM2540D		mg/L			
	MLSS						
	Total Coliform	SM9223B/ 9221B					
	Fecal Coliform	SM9221E		MPN/100ml			
2	E. Coli	(SM9223B)/9221F	<1.0	MPN/100ml	12-27-17 253p	12-28-17 1102a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. ~~None~~ = iced VAB
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. Johnson **Date** 12-28-17

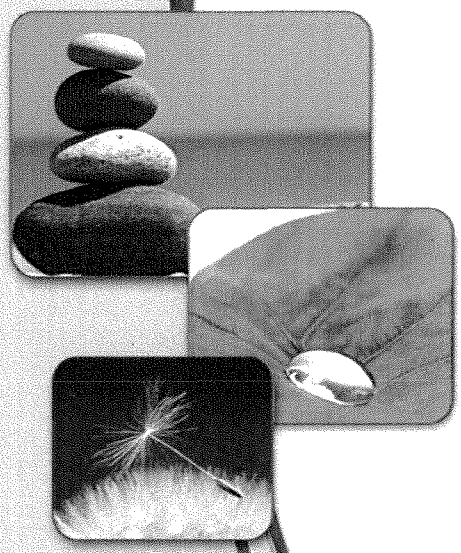
All analytical and sampling procedures are in accordance with 40 CFR, Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants."

Chain of Custody:		**Relinquished by:**		**Accepted by:**		
	Name:	**Date:**	**Time:**	**Name:**	**Date:**	**Time:**
1	Garrett Schaller	12-27-17	10:06	Erin Johnson	12/27/17	10:06
2	Erin Johnson	12/27/17	12:43		12-27-17	12:43
3						
4						
5						
6						

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(NOVEMBER 2017)

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: 500-136805-1
Client Project/Site: Black and Decker

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

Attn: Greg Flasinski

Jodie Bracken

Authorized for release by:
11/20/2017 4:27:35 PM
Jodie Bracken, Project Management Assistant II
jodie.bracken@testamericainc.com

Designee for

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

LINKS

Review your project results through TotalAccess

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Table of Contents

Job ID: 500-136805-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-136805-1

Receipt
The samples were received on 11/4/2017 11:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3° C.

Receipt Exceptions
Laboratory samples 3, 9, 10, 19, 20, and 21 have head space larger than pea size in all 3 vials.

Laboratory samples 23 and 24 have 2 vials with head space larger than pea size.

Laboratory sample 18 has 1 vial with head space larger than pea size.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

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

TestAmerica Job ID: 500-136805-1

Client Sample ID: Trip Blank — Lab Sample ID: 500-136805-1

No Detections.

Client Sample ID: RFW-2A — Lab Sample ID: 500-136805-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.70		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-2B — Lab Sample ID: 500-136805-3

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

Client Sample ID: RFW-1A — Lab Sample ID: 500-136805-4

No Detections.

Client Sample ID: RFW-1B — Lab Sample ID: 500-136805-5

No Detections.

Client Sample ID: RFW-7 — Lab Sample ID: 500-136805-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-17 — Lab Sample ID: 500-136805-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.9		0.50	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-6 — Lab Sample ID: 500-136805-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.52	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-3B — Lab Sample ID: 500-136805-9

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-13 — Lab Sample ID: 500-136805-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.59	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	2.9		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-11B — Lab Sample ID: 500-136805-11

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

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 500-136805-1

Client Sample ID: RFW-9 — Lab Sample ID: 500-136805-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.51	J	1.0	0.39	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	6.6		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	3.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4A — Lab Sample ID: 500-136805-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.73	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	27		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: 500-136805-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.84	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	0.97	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	27		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.7		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-4B — Lab Sample ID: 500-136805-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.4	J	2.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	49		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	55		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-12B — Lab Sample ID: 500-136805-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	150		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-2 — Lab Sample ID: 500-136805-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.1		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	110		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	48		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-3 — Lab Sample ID: 500-136805-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.9		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	23		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.90	J	1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 500-136805-1

Client Sample ID: EW-5 — Lab Sample ID: 500-136805-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	79		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.0		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-6 — Lab Sample ID: 500-136805-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.5		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.8		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7 — Lab Sample ID: 500-136805-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.3		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	3.7		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	8.4		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8 — Lab Sample ID: 500-136805-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.94	J	1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	7.1		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	53		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 — Lab Sample ID: 500-136805-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.63		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	75		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 Dup — Lab Sample ID: 500-136805-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.66		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	75		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-10 — Lab Sample ID: 500-136805-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.2	F2	1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

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

TestAmerica Job ID: 500-136805-1

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: 500-136805-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-136805-1	Trip Blank	Water	11/02/17 06:00	11/04/17 11:05
500-136805-2	RFW-2A	Water	11/02/17 10:35	11/04/17 11:05
500-136805-3	RFW-2B	Water	11/02/17 11:15	11/04/17 11:05
500-136805-4	RFW-1A	Water	11/02/17 12:10	11/04/17 11:05
500-136805-5	RFW-1B	Water	11/02/17 13:00	11/04/17 11:05
500-136805-6	RFW-7	Water	11/02/17 13:55	11/04/17 11:05
500-136805-7	RFW-17	Water	11/02/17 14:40	11/04/17 11:05
500-136805-8	RFW-6	Water	11/02/17 15:40	11/04/17 11:05
500-136805-9	RFW-3B	Water	11/02/17 16:30	11/04/17 11:05
500-136805-10	RFW-13	Water	11/03/17 08:20	11/04/17 11:05
500-136805-11	RFW-11B	Water	11/03/17 09:15	11/04/17 11:05
500-136805-12	RFW-9	Water	11/03/17 11:05	11/04/17 11:05
500-136805-13	RFW-4A	Water	11/03/17 12:05	11/04/17 11:05
500-136805-14	RFW-4A Dup	Water	11/03/17 12:05	11/04/17 11:05
500-136805-15	RFW-4B	Water	11/03/17 12:30	11/04/17 11:05
500-136805-16	RFW-12B	Water	11/03/17 13:30	11/04/17 11:05
500-136805-17	EW-2	Water	11/03/17 13:45	11/04/17 11:05
500-136805-18	EW-3	Water	11/03/17 08:55	11/04/17 11:05
500-136805-19	EW-5	Water	11/03/17 09:45	11/04/17 11:05
500-136805-20	EW-6	Water	11/02/17 17:10	11/04/17 11:05
500-136805-21	EW-7	Water	11/02/17 17:00	11/04/17 11:05
500-136805-22	EW-8	Water	11/02/17 16:55	11/04/17 11:05
500-136805-23	EW-9	Water	11/02/17 16:50	11/04/17 11:05
500-136805-24	EW-9 Dup	Water	11/02/17 16:50	11/04/17 11:05
500-136805-25	EW-10	Water	11/02/17 16:40	11/04/17 11:05

Client Sample ID: Trip Blank

Date Collected: 11/02/17 06:00
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-1

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 15:54	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 15:54	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 15:54	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 15:54	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 15:54	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 15:54	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 15:54	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 15:54	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 15:54	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 15:54	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 15:54	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 15:54	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 15:54	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 15:54	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 15:54	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 15:54	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 15:54	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 15:54	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 15:54	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 15:54	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 15:54	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 15:54	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 15:54	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 15:54	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 15:54	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 15:54	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 15:54	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 15:54	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 15:54	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 15:54	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 15:54	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 15:54	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 15:54	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 15:54	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 15:54	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 15:54	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 15:54	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 15:54	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 15:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 15:54	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 15:54	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 15:54	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 15:54	1

Client Sample ID: Trip Blank

Date Collected: 11/02/17 06:00
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-1

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 15:54	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 15:54	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 15:54	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 15:54	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 15:54	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 15:54	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 15:54	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 15:54	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 15:54	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 15:54	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 15:54	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 15:54	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 15:54	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 15:54	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*11/14/17 15:54*	*1*
Toluene-d8 (Surr)	*85*		*75 - 120*		*11/14/17 15:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*11/14/17 15:54*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*11/14/17 15:54*	*1*

Client Sample ID: RFW-2A

Date Collected: 11/02/17 10:35
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-2

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 16:19	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 16:19	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 16:19	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 16:19	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 16:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 16:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 16:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 16:19	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 16:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 16:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 16:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 16:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 16:19	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 16:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 16:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 16:19	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 16:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 16:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 16:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 16:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
Trichloroethene	0.70		0.50	0.16	ug/L			11/14/17 16:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 16:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 16:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 16:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 16:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 16:19	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 16:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 16:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 16:19	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 16:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 16:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 16:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 16:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 16:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 16:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 16:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 16:19	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 16:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 16:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 16:19	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 16:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 16:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 16:19	1

Client Sample ID: RFW-2A
Date Collected: 11/02/17 10:35
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-2
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 16:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 16:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 16:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 16:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 16:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 16:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 16:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 16:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 16:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 16:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 16:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 16:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 16:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 16:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*11/14/17 16:19*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*11/14/17 16:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/14/17 16:19*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*11/14/17 16:19*	*1*

Client Sample ID: RFW-2B

Date Collected: 11/02/17 11:15
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-3

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 16:45	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 16:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 16:45	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 16:45	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 16:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 16:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 16:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 16:45	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 16:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 16:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 16:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 16:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 16:45	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 16:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 16:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 16:45	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 16:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 16:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 16:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 16:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
Trichloroethene	0.54		0.50	0.16	ug/L			11/14/17 16:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 16:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 16:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 16:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 16:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 16:45	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 16:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 16:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 16:45	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 16:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 16:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 16:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 16:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 16:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 16:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 16:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 16:45	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 16:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 16:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 16:45	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 16:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 16:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 16:45	1

Client Sample ID: RFW-2B

Date Collected: 11/02/17 11:15
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-3

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			11/14/17 16:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 16:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 16:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 16:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 16:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 16:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 16:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 16:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 16:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 16:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 16:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 16:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 16:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 16:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*11/14/17 16:45*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*11/14/17 16:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*11/14/17 16:45*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*11/14/17 16:45*	*1*

Client Sample ID: RFW-1A

Date Collected: 11/02/17 12:10
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-4

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 17:10	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 17:10	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 17:10	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 17:10	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 17:10	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 17:10	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 17:10	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 17:10	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 17:10	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 17:10	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 17:10	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 17:10	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 17:10	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 17:10	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 17:10	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 17:10	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 17:10	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 17:10	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 17:10	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 17:10	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 17:10	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 17:10	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 17:10	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 17:10	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 17:10	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 17:10	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 17:10	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 17:10	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 17:10	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 17:10	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 17:10	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 17:10	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 17:10	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 17:10	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 17:10	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 17:10	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 17:10	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 17:10	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 17:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 17:10	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 17:10	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 17:10	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 17:10	1

Client Sample ID: RFW-1A

Date Collected: 11/02/17 12:10
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-4

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 17:10	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 17:10	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 17:10	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 17:10	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 17:10	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 17:10	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 17:10	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 17:10	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 17:10	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 17:10	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 17:10	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 17:10	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 17:10	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 17:10	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*11/14/17 17:10*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*11/14/17 17:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/14/17 17:10*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*11/14/17 17:10*	*1*

Client Sample ID: RFW-1B

Date Collected: 11/02/17 13:00
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-5

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 17:35	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 17:35	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 17:35	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 17:35	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 17:35	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 17:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 17:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 17:35	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 17:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 17:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 17:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 17:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 17:35	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 17:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 17:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 17:35	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 17:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 17:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 17:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 17:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 17:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 17:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 17:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 17:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 17:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 17:35	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 17:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 17:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 17:35	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 17:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 17:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 17:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 17:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 17:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 17:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 17:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 17:35	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 17:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 17:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 17:35	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 17:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 17:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 17:35	1

Client Sample ID: RFW-1B
Date Collected: 11/02/17 13:00
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-5
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 17:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 17:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 17:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 17:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 17:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 17:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 17:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 17:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 17:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 17:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 17:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 17:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 17:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 17:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*11/14/17 17:35*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*11/14/17 17:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/14/17 17:35*	*1*
Dibromofluoromethane	*85*		*75 - 120*		*11/14/17 17:35*	*1*

Client Sample ID: RFW-7

Date Collected: 11/02/17 13:55
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-6

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 18:00	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 18:00	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 18:00	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 18:00	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 18:00	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 18:00	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 18:00	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 18:00	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 18:00	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 18:00	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 18:00	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 18:00	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 18:00	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 18:00	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 18:00	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 18:00	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 18:00	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 18:00	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 18:00	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 18:00	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
Trichloroethene	1.6		0.50	0.16	ug/L			11/14/17 18:00	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 18:00	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 18:00	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 18:00	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 18:00	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 18:00	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 18:00	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 18:00	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 18:00	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 18:00	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 18:00	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 18:00	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 18:00	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 18:00	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 18:00	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 18:00	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 18:00	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 18:00	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:00	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 18:00	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 18:00	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 18:00	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 18:00	1

Client Sample ID: RFW-7
Date Collected: 11/02/17 13:55
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-6
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 18:00	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 18:00	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:00	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:00	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:00	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:00	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 18:00	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:00	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:00	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 18:00	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 18:00	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 18:00	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 18:00	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 18:00	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*11/14/17 18:00*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*11/14/17 18:00*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*11/14/17 18:00*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*11/14/17 18:00*	*1*

Client Sample ID: RFW-17

Date Collected: 11/02/17 14:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-7

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.9		0.50	0.15	ug/L			11/14/17 18:25	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 18:25	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 18:25	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 18:25	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 18:25	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 18:25	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 18:25	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 18:25	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 18:25	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 18:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 18:25	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 18:25	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 18:25	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 18:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 18:25	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 18:25	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 18:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 18:25	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 18:25	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 18:25	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 18:25	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 18:25	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 18:25	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 18:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 18:25	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 18:25	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 18:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 18:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 18:25	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 18:25	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 18:25	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 18:25	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 18:25	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 18:25	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 18:25	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 18:25	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 18:25	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 18:25	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 18:25	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 18:25	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 18:25	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 18:25	1

Client Sample ID: RFW-17
Date Collected: 11/02/17 14:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-7
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 18:25	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 18:25	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:25	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:25	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:25	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 18:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:25	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 18:25	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 18:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 18:25	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 18:25	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 18:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*11/14/17 18:25*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/14/17 18:25*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*11/14/17 18:25*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*11/14/17 18:25*	*1*

Client Sample ID: RFW-6

Date Collected: 11/02/17 15:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-8

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50	F2	0.50	0.15	ug/L			11/14/17 18:50	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 18:50	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 18:50	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 18:50	1
Bromomethane	<2.0	F1 F2	2.0	0.80	ug/L			11/14/17 18:50	1
Chloroethane	<1.0	F1 F2	1.0	0.51	ug/L			11/14/17 18:50	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 18:50	1
1,1-Dichloroethene	<1.0	F2	1.0	0.39	ug/L			11/14/17 18:50	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 18:50	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 18:50	1
Methylene Chloride	<5.0	F2	5.0	1.6	ug/L			11/14/17 18:50	1
trans-1,2-Dichloroethene	<1.0	F2	1.0	0.35	ug/L			11/14/17 18:50	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 18:50	1
2,2-Dichloropropane	<1.0	F2	1.0	0.44	ug/L			11/14/17 18:50	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 18:50	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 18:50	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 18:50	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 18:50	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 18:50	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 18:50	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 18:50	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 18:50	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 18:50	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 18:50	1
Dibromomethane	<1.0	F2	1.0	0.27	ug/L			11/14/17 18:50	1
Bromodichloromethane	<1.0	F2	1.0	0.37	ug/L			11/14/17 18:50	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 18:50	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 18:50	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 18:50	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 18:50	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 18:50	1
Tetrachloroethene	0.52	J	1.0	0.37	ug/L			11/14/17 18:50	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 18:50	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 18:50	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 18:50	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 18:50	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:50	1
1,1,1,2-Tetrachloroethane	<1.0	F2	1.0	0.46	ug/L			11/14/17 18:50	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 18:50	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 18:50	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 18:50	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 18:50	1
Bromoform	<1.0	F2	1.0	0.48	ug/L			11/14/17 18:50	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:50	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:50	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 18:50	1
1,2,3-Trichloropropane	<1.0	F2	1.0	0.41	ug/L			11/14/17 18:50	1
N-Propylbenzene	<1.0	F2	1.0	0.41	ug/L			11/14/17 18:50	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 18:50	1

Client Sample ID: RFW-6

Date Collected: 11/02/17 15:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-8

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 18:50	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 18:50	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:50	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:50	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:50	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 18:50	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 18:50	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 18:50	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 18:50	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 18:50	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 18:50	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 18:50	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 18:50	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 18:50	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*11/14/17 18:50*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*11/14/17 18:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/14/17 18:50*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*11/14/17 18:50*	*1*

Client Sample ID: RFW-3B

Date Collected: 11/02/17 16:30
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-9

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 22:54	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 22:54	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 22:54	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 22:54	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 22:54	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 22:54	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 22:54	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 22:54	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 22:54	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 22:54	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 22:54	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 22:54	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 22:54	1
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L			11/14/17 22:54	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 22:54	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 22:54	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 22:54	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 22:54	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 22:54	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 22:54	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 22:54	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 22:54	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 22:54	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 22:54	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 22:54	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 22:54	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 22:54	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 22:54	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 22:54	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 22:54	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 22:54	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 22:54	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 22:54	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 22:54	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 22:54	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 22:54	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 22:54	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 22:54	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 22:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 22:54	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 22:54	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 22:54	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 22:54	1

Client Sample ID: RFW-3B

Date Collected: 11/02/17 16:30
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-9

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 22:54	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 22:54	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 22:54	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 22:54	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 22:54	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 22:54	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 22:54	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 22:54	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 22:54	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 22:54	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 22:54	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 22:54	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 22:54	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 22:54	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*11/14/17 22:54*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*11/14/17 22:54*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*11/14/17 22:54*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*11/14/17 22:54*	*1*

Client Sample ID: RFW-13

Date Collected: 11/03/17 08:20
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-10

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 23:20	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 23:20	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 23:20	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 23:20	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 23:20	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 23:20	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 23:20	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 23:20	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 23:20	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 23:20	1
trans-1,2-Dichloroethene	0.59	J	1.0	0.35	ug/L			11/14/17 23:20	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 23:20	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 23:20	1
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L			11/14/17 23:20	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 23:20	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 23:20	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 23:20	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 23:20	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 23:20	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 23:20	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
Trichloroethene	2.9		0.50	0.16	ug/L			11/14/17 23:20	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 23:20	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 23:20	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 23:20	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 23:20	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 23:20	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 23:20	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 23:20	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 23:20	1
Tetrachloroethene	15		1.0	0.37	ug/L			11/14/17 23:20	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 23:20	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 23:20	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 23:20	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 23:20	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 23:20	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 23:20	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 23:20	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 23:20	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 23:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 23:20	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 23:20	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 23:20	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 23:20	1

Client Sample ID: RFW-13
Date Collected: 11/03/17 08:20
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-10
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 23:20	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 23:20	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 23:20	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 23:20	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 23:20	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 23:20	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 23:20	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 23:20	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 23:20	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 23:20	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 23:20	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 23:20	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 23:20	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 23:20	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*11/14/17 23:20*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*11/14/17 23:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/14/17 23:20*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*11/14/17 23:20*	*1*

Client Sample ID: RFW-11B

Date Collected: 11/03/17 09:15
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-11

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 23:45	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 23:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 23:45	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 23:45	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 23:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 23:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 23:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 23:45	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 23:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 23:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 23:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 23:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 23:45	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 23:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 23:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 23:45	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 23:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 23:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 23:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 23:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
Trichloroethene	1.4		0.50	0.16	ug/L			11/14/17 23:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 23:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 23:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 23:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 23:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 23:45	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 23:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 23:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 23:45	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 23:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 23:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 23:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 23:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 23:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 23:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 23:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 23:45	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 23:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 23:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 23:45	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 23:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 23:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 23:45	1

Client Sample ID: RFW-11B

Date Collected: 11/03/17 09:15
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-11

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 23:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 23:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 23:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 23:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 23:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 23:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 23:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 23:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 23:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 23:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 23:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 23:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 23:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 23:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*11/14/17 23:45*	*1*
Toluene-d8 (Surr)	*85*		*75 - 120*		*11/14/17 23:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*11/14/17 23:45*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*11/14/17 23:45*	*1*

Client Sample ID: RFW-9

Date Collected: 11/03/17 11:05
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-12

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 00:10	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 00:10	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 00:10	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 00:10	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 00:10	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 00:10	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 00:10	1
1,1-Dichloroethene	0.51	J	1.0	0.39	ug/L			11/15/17 00:10	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 00:10	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 00:10	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 00:10	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 00:10	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 00:10	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 00:10	1
cis-1,2-Dichloroethene	11		1.0	0.41	ug/L			11/15/17 00:10	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 00:10	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 00:10	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 00:10	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 00:10	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 00:10	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 00:10	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 00:10	1
Trichloroethene	6.6		0.50	0.16	ug/L			11/15/17 00:10	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 00:10	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 00:10	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 00:10	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 00:10	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 00:10	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 00:10	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 00:10	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 00:10	1
Tetrachloroethene	3.2		1.0	0.37	ug/L			11/15/17 00:10	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 00:10	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 00:10	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 00:10	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 00:10	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:10	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 00:10	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 00:10	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 00:10	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 00:10	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 00:10	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 00:10	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:10	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 00:10	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 00:10	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 00:10	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 00:10	1

Client Sample ID: RFW-9
Date Collected: 11/03/17 11:05
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-12
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 00:10	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 00:10	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:10	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:10	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:10	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:10	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 00:10	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:10	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:10	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 00:10	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 00:10	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 00:10	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 00:10	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 00:10	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*11/15/17 00:10*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/15/17 00:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*11/15/17 00:10*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*11/15/17 00:10*	*1*

Client Sample ID: RFW-4A

Date Collected: 11/03/17 12:05
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-13

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 00:35	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 00:35	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 00:35	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 00:35	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 00:35	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 00:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 00:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 00:35	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 00:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 00:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 00:35	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 00:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 00:35	1
cis-1,2-Dichloroethene	0.73	J	1.0	0.41	ug/L			11/15/17 00:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 00:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 00:35	1
Chloroform	1.1	J	2.0	0.37	ug/L			11/15/17 00:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 00:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 00:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 00:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
Trichloroethene	27		0.50	0.16	ug/L			11/15/17 00:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 00:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 00:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 00:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 00:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 00:35	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 00:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 00:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 00:35	1
Tetrachloroethene	7.3		1.0	0.37	ug/L			11/15/17 00:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 00:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 00:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 00:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 00:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 00:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 00:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 00:35	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 00:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 00:35	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 00:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 00:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 00:35	1

Client Sample ID: RFW-4A

Date Collected: 11/03/17 12:05
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-13

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 00:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 00:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 00:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 00:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 00:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 00:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 00:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 00:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*11/15/17 00:35*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/15/17 00:35*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*11/15/17 00:35*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*11/15/17 00:35*	*1*

Client Sample ID: RFW-4A Dup

Lab Sample ID: 500-136805-14

Date Collected: 11/03/17 12:05
Date Received: 11/04/17 11:05

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 00:59	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 00:59	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 00:59	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 00:59	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 00:59	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 00:59	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 00:59	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 00:59	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 00:59	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 00:59	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 00:59	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 00:59	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 00:59	1
cis-1,2-Dichloroethene	0.84	J	1.0	0.41	ug/L			11/15/17 00:59	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 00:59	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 00:59	1
Chloroform	0.97	J	2.0	0.37	ug/L			11/15/17 00:59	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 00:59	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 00:59	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 00:59	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
Trichloroethene	27		0.50	0.16	ug/L			11/15/17 00:59	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 00:59	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 00:59	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 00:59	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 00:59	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 00:59	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 00:59	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 00:59	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 00:59	1
Tetrachloroethene	6.7		1.0	0.37	ug/L			11/15/17 00:59	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 00:59	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 00:59	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 00:59	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 00:59	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 00:59	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 00:59	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 00:59	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 00:59	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 00:59	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 00:59	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 00:59	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 00:59	1

Client Sample ID: RFW-4A Dup

Date Collected: 11/03/17 12:05
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-14

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 00:59	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 00:59	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:59	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:59	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:59	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 00:59	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 00:59	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 00:59	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 00:59	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 00:59	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 00:59	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 00:59	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 00:59	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 00:59	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*11/15/17 00:59*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*11/15/17 00:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/15/17 00:59*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*11/15/17 00:59*	*1*

Client Sample ID: RFW-4B

Date Collected: 11/03/17 12:30
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-15

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 01:24	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 01:24	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 01:24	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 01:24	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 01:24	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 01:24	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 01:24	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 01:24	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 01:24	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 01:24	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 01:24	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 01:24	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 01:24	1
cis-1,2-Dichloroethene	2.9		1.0	0.41	ug/L			11/15/17 01:24	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 01:24	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 01:24	1
Chloroform	1.4	J	2.0	0.37	ug/L			11/15/17 01:24	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 01:24	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 01:24	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 01:24	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
Trichloroethene	49		0.50	0.16	ug/L			11/15/17 01:24	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 01:24	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 01:24	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 01:24	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 01:24	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 01:24	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 01:24	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 01:24	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 01:24	1
Tetrachloroethene	55		1.0	0.37	ug/L			11/15/17 01:24	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 01:24	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 01:24	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 01:24	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 01:24	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 01:24	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 01:24	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 01:24	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 01:24	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 01:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 01:24	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 01:24	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 01:24	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 01:24	1

Client Sample ID: RFW-4B
Date Collected: 11/03/17 12:30
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-15
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 01:24	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 01:24	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 01:24	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 01:24	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 01:24	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 01:24	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 01:24	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 01:24	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 01:24	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 01:24	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 01:24	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 01:24	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 01:24	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 01:24	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*11/15/17 01:24*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/15/17 01:24*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/15/17 01:24*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*11/15/17 01:24*	*1*

Client Sample ID: RFW-12B
Date Collected: 11/03/17 13:30
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-16
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 01:49	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 01:49	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 01:49	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 01:49	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 01:49	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 01:49	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 01:49	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 01:49	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 01:49	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 01:49	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 01:49	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 01:49	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 01:49	1
cis-1,2-Dichloroethene	2.3		1.0	0.41	ug/L			11/15/17 01:49	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 01:49	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 01:49	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 01:49	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 01:49	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 01:49	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 01:49	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
Trichloroethene	150		0.50	0.16	ug/L			11/15/17 01:49	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 01:49	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 01:49	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 01:49	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 01:49	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 01:49	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 01:49	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 01:49	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 01:49	1
Tetrachloroethene	12		1.0	0.37	ug/L			11/15/17 01:49	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 01:49	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 01:49	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 01:49	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 01:49	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 01:49	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 01:49	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 01:49	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 01:49	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 01:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 01:49	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 01:49	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 01:49	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 01:49	1

Client Sample ID: RFW-12B

Date Collected: 11/03/17 13:30
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-16

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 01:49	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 01:49	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 01:49	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 01:49	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 01:49	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 01:49	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 01:49	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 01:49	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 01:49	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 01:49	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 01:49	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 01:49	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 01:49	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 01:49	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*11/15/17 01:49*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*11/15/17 01:49*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/15/17 01:49*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*11/15/17 01:49*	*1*

Client Sample ID: EW-2

Date Collected: 11/03/17 13:45
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-17

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 02:14	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 02:14	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 02:14	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 02:14	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 02:14	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 02:14	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 02:14	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 02:14	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 02:14	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 02:14	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 02:14	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 02:14	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 02:14	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.41	ug/L			11/15/17 02:14	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 02:14	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 02:14	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 02:14	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 02:14	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 02:14	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 02:14	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
Trichloroethene	**110**		0.50	0.16	ug/L			11/15/17 02:14	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 02:14	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 02:14	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 02:14	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 02:14	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 02:14	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 02:14	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 02:14	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 02:14	1
Tetrachloroethene	**48**		1.0	0.37	ug/L			11/15/17 02:14	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 02:14	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 02:14	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 02:14	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 02:14	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 02:14	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 02:14	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 02:14	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 02:14	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 02:14	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 02:14	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 02:14	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 02:14	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 02:14	1

Client Sample ID: EW-2

Date Collected: 11/03/17 13:45
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-17

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 02:14	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 02:14	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 02:14	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 02:14	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 02:14	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 02:14	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 02:14	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 02:14	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 02:14	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 02:14	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 02:14	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 02:14	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 02:14	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 02:14	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*11/15/17 02:14*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*11/15/17 02:14*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*11/15/17 02:14*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*11/15/17 02:14*	*1*

Client Sample ID: EW-3

Date Collected: 11/03/17 08:55
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-18

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			11/15/17 02:39	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 02:39	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 02:39	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 02:39	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 02:39	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 02:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 02:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 02:39	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 02:39	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 02:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 02:39	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 02:39	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 02:39	1
cis-1,2-Dichloroethene	1.9		1.0	0.41	ug/L			11/15/17 02:39	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 02:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 02:39	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 02:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 02:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 02:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 02:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
Trichloroethene	23		0.50	0.16	ug/L			11/15/17 02:39	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 02:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 02:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 02:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 02:39	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 02:39	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 02:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 02:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 02:39	1
Tetrachloroethene	0.90	J	1.0	0.37	ug/L			11/15/17 02:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 02:39	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 02:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 02:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 02:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 02:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 02:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 02:39	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 02:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 02:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 02:39	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 02:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 02:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 02:39	1

Client Sample ID: EW-3

Date Collected: 11/03/17 08:55
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-18

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 02:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 02:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 02:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 02:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 02:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 02:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 02:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 02:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 02:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 02:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 02:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 02:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 02:39	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 02:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*11/15/17 02:39*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*11/15/17 02:39*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/15/17 02:39*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*11/15/17 02:39*	*1*

Client Sample ID: EW-5

Date Collected: 11/03/17 09:45
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-19

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 03:04	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 03:04	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 03:04	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 03:04	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 03:04	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 03:04	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 03:04	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 03:04	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 03:04	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 03:04	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 03:04	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 03:04	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 03:04	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/15/17 03:04	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 03:04	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 03:04	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 03:04	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 03:04	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 03:04	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 03:04	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
Trichloroethene	79		0.50	0.16	ug/L			11/15/17 03:04	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 03:04	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 03:04	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 03:04	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 03:04	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 03:04	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 03:04	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 03:04	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 03:04	1
Tetrachloroethene	2.0		1.0	0.37	ug/L			11/15/17 03:04	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 03:04	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 03:04	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 03:04	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 03:04	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 03:04	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 03:04	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 03:04	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 03:04	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 03:04	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 03:04	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 03:04	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 03:04	1

Client Sample ID: EW-5

Date Collected: 11/03/17 09:45
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-19
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 03:04	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 03:04	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:04	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:04	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:04	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:04	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 03:04	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:04	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:04	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 03:04	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 03:04	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 03:04	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 03:04	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 03:04	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*		*11/15/17 03:04*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*11/15/17 03:04*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*11/15/17 03:04*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*11/15/17 03:04*	*1*

Client Sample ID: EW-6

Date Collected: 11/02/17 17:10
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-20

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 03:30	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 03:30	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 03:30	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 03:30	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 03:30	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 03:30	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 03:30	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 03:30	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 03:30	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 03:30	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 03:30	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 03:30	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 03:30	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/15/17 03:30	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 03:30	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 03:30	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 03:30	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 03:30	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 03:30	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 03:30	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
Trichloroethene	5.5		0.50	0.16	ug/L			11/15/17 03:30	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 03:30	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 03:30	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 03:30	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 03:30	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 03:30	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 03:30	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 03:30	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 03:30	1
Tetrachloroethene	7.8		1.0	0.37	ug/L			11/15/17 03:30	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 03:30	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 03:30	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 03:30	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 03:30	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 03:30	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 03:30	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 03:30	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 03:30	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:30	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 03:30	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 03:30	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 03:30	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 03:30	1

Client Sample ID: EW-6
Date Collected: 11/02/17 17:10
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-20
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 03:30	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 03:30	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:30	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:30	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:30	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:30	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 03:30	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:30	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:30	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 03:30	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 03:30	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 03:30	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 03:30	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 03:30	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*11/15/17 03:30*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/15/17 03:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*11/15/17 03:30*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*11/15/17 03:30*	*1*

Client Sample ID: EW-7
Date Collected: 11/02/17 17:00
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-21
Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 03:55	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 03:55	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 03:55	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 03:55	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 03:55	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 03:55	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 03:55	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 03:55	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 03:55	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 03:55	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 03:55	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 03:55	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 03:55	1
cis-1,2-Dichloroethene	5.3		1.0	0.41	ug/L			11/15/17 03:55	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 03:55	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 03:55	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 03:55	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 03:55	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 03:55	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 03:55	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
Trichloroethene	3.7		0.50	0.16	ug/L			11/15/17 03:55	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 03:55	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 03:55	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 03:55	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 03:55	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 03:55	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 03:55	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 03:55	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 03:55	1
Tetrachloroethene	8.4		1.0	0.37	ug/L			11/15/17 03:55	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 03:55	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 03:55	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 03:55	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 03:55	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 03:55	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 03:55	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 03:55	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 03:55	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 03:55	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 03:55	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 03:55	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 03:55	1

Client Sample ID: EW-7
Date Collected: 11/02/17 17:00
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-21
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 03:55	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 03:55	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:55	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:55	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:55	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 03:55	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 03:55	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 03:55	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 03:55	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 03:55	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 03:55	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 03:55	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 03:55	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 03:55	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*11/15/17 03:55*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/15/17 03:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*11/15/17 03:55*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*11/15/17 03:55*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-136805-1

Client Sample ID: EW-8

Date Collected: 11/02/17 16:55
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-22

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 04:20	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 04:20	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 04:20	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 04:20	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 04:20	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 04:20	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 04:20	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 04:20	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 04:20	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 04:20	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 04:20	1
1,1-Dichloroethane	0.94	J	1.0	0.41	ug/L			11/15/17 04:20	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 04:20	1
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L			11/15/17 04:20	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 04:20	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 04:20	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 04:20	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 04:20	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 04:20	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 04:20	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
Trichloroethene	7.1		0.50	0.16	ug/L			11/15/17 04:20	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 04:20	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 04:20	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 04:20	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 04:20	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 04:20	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 04:20	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 04:20	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 04:20	1
Tetrachloroethene	53		1.0	0.37	ug/L			11/15/17 04:20	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 04:20	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 04:20	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 04:20	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 04:20	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 04:20	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 04:20	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 04:20	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 04:20	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 04:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 04:20	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 04:20	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 04:20	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 04:20	1

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

TestAmerica Job ID: 500-136805-1

Client Sample ID: EW-8
Date Collected: 11/02/17 16:55
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-22
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 04:20	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 04:20	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 04:20	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 04:20	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 04:20	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 04:20	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 04:20	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 04:20	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 04:20	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 04:20	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 04:20	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 04:20	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 04:20	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 04:20	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*11/15/17 04:20*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*11/15/17 04:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*11/15/17 04:20*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*11/15/17 04:20*	*1*

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Client Sample ID: EW-9

Date Collected: 11/02/17 16:50
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-23

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/15/17 04:45	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 04:45	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 04:45	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 04:45	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 04:45	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 04:45	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 04:45	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 04:45	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 04:45	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 04:45	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 04:45	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 04:45	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 04:45	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/15/17 04:45	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 04:45	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 04:45	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 04:45	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 04:45	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 04:45	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 04:45	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
Trichloroethene	0.63		0.50	0.16	ug/L			11/15/17 04:45	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 04:45	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 04:45	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 04:45	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 04:45	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 04:45	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 04:45	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 04:45	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 04:45	1
Tetrachloroethene	75		1.0	0.37	ug/L			11/15/17 04:45	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 04:45	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 04:45	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 04:45	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 04:45	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 04:45	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 04:45	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 04:45	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 04:45	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 04:45	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 04:45	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 04:45	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 04:45	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 04:45	1

Client Sample ID: EW-9
Date Collected: 11/02/17 16:50
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-23
Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 04:45	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 04:45	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 04:45	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 04:45	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 04:45	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 04:45	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 04:45	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 04:45	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 04:45	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 04:45	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 04:45	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 04:45	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 04:45	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 04:45	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*11/15/17 04:45*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*11/15/17 04:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*11/15/17 04:45*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*11/15/17 04:45*	*1*

Client Sample ID: EW-9 Dup

Date Collected: 11/02/17 16:50
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-24

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			11/15/17 05:10	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 05:10	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 05:10	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 05:10	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/15/17 05:10	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/15/17 05:10	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 05:10	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/15/17 05:10	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 05:10	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/15/17 05:10	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/15/17 05:10	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/15/17 05:10	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/15/17 05:10	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/15/17 05:10	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 05:10	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/15/17 05:10	1
Chloroform	<2.0		2.0	0.37	ug/L			11/15/17 05:10	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/15/17 05:10	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/15/17 05:10	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/15/17 05:10	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
Trichloroethene	0.66		0.50	0.16	ug/L			11/15/17 05:10	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/15/17 05:10	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/15/17 05:10	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/15/17 05:10	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 05:10	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 05:10	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 05:10	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/15/17 05:10	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/15/17 05:10	1
Tetrachloroethene	75		1.0	0.37	ug/L			11/15/17 05:10	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/15/17 05:10	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 05:10	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 05:10	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 05:10	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 05:10	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 05:10	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 05:10	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 05:10	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 05:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/15/17 05:10	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/15/17 05:10	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/15/17 05:10	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/15/17 05:10	1

Client Sample ID: EW-9 Dup

Date Collected: 11/02/17 16:50
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-24

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 05:10	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 05:10	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 05:10	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 05:10	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 05:10	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 05:10	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 05:10	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 05:10	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 05:10	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/15/17 05:10	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 05:10	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/15/17 05:10	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 05:10	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/15/17 05:10	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*11/15/17 05:10*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*11/15/17 05:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*11/15/17 05:10*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*11/15/17 05:10*	*1*

Client Sample ID: EW-10

Date Collected: 11/02/17 16:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-25

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50	F2	0.50	0.15	ug/L			11/15/17 05:36	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/15/17 05:36	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/15/17 05:36	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/15/17 05:36	1
Bromomethane	<2.0	F1	2.0	0.80	ug/L			11/15/17 05:36	1
Chloroethane	<1.0	F1	1.0	0.51	ug/L			11/15/17 05:36	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/15/17 05:36	1
1,1-Dichloroethene	<1.0	F2	1.0	0.39	ug/L			11/15/17 05:36	1
Carbon disulfide	<2.0	F2	2.0	0.45	ug/L			11/15/17 05:36	1
Acetone	<5.0		5.0	1.7	ug/L			11/15/17 05:36	1
Methylene Chloride	<5.0	F2	5.0	1.6	ug/L			11/15/17 05:36	1
trans-1,2-Dichloroethene	<1.0	F2	1.0	0.35	ug/L			11/15/17 05:36	1
1,1-Dichloroethane	<1.0	F2	1.0	0.41	ug/L			11/15/17 05:36	1
2,2-Dichloropropane	<1.0	F2	1.0	0.44	ug/L			11/15/17 05:36	1
cis-1,2-Dichloroethene	<1.0	F2	1.0	0.41	ug/L			11/15/17 05:36	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/15/17 05:36	1
Bromochloromethane	<1.0	F2	1.0	0.43	ug/L			11/15/17 05:36	1
Chloroform	<2.0	F2	2.0	0.37	ug/L			11/15/17 05:36	1
1,1,1-Trichloroethane	<1.0	F2	1.0	0.38	ug/L			11/15/17 05:36	1
1,1-Dichloropropene	<1.0	F2	1.0	0.30	ug/L			11/15/17 05:36	1
Carbon tetrachloride	<1.0	F2	1.0	0.38	ug/L			11/15/17 05:36	1
1,2-Dichloroethane	<1.0	F2	1.0	0.39	ug/L			11/15/17 05:36	1
Trichloroethene	<0.50	F2	0.50	0.16	ug/L			11/15/17 05:36	1
1,2-Dichloropropane	<1.0	F2	1.0	0.43	ug/L			11/15/17 05:36	1
Dibromomethane	<1.0	F2	1.0	0.27	ug/L			11/15/17 05:36	1
Bromodichloromethane	<1.0	F2	1.0	0.37	ug/L			11/15/17 05:36	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/15/17 05:36	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/15/17 05:36	1
Toluene	<0.50		0.50	0.15	ug/L			11/15/17 05:36	1
trans-1,3-Dichloropropene	<1.0	F2	1.0	0.36	ug/L			11/15/17 05:36	1
1,1,2-Trichloroethane	<1.0	F2	1.0	0.35	ug/L			11/15/17 05:36	1
Tetrachloroethene	2.2	F2	1.0	0.37	ug/L			11/15/17 05:36	1
1,3-Dichloropropane	<1.0	F2	1.0	0.36	ug/L			11/15/17 05:36	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/15/17 05:36	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/15/17 05:36	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/15/17 05:36	1
Chlorobenzene	<1.0	F2	1.0	0.39	ug/L			11/15/17 05:36	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/15/17 05:36	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/15/17 05:36	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/15/17 05:36	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/15/17 05:36	1
Styrene	<1.0		1.0	0.39	ug/L			11/15/17 05:36	1
Bromoform	<1.0		1.0	0.48	ug/L			11/15/17 05:36	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 05:36	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/15/17 05:36	1
1,1,2,2-Tetrachloroethane	<1.0	F2	1.0	0.40	ug/L			11/15/17 05:36	1
1,2,3-Trichloropropane	<1.0	F2	1.0	0.41	ug/L			11/15/17 05:36	1
N-Propylbenzene	<1.0	F2	1.0	0.41	ug/L			11/15/17 05:36	1
2-Chlorotoluene	<1.0	F2	1.0	0.31	ug/L			11/15/17 05:36	1

Client Sample ID: EW-10

Date Collected: 11/02/17 16:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-25

Matrix: Water

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/15/17 05:36	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/15/17 05:36	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 05:36	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/15/17 05:36	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/15/17 05:36	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/15/17 05:36	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/15/17 05:36	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/15/17 05:36	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/15/17 05:36	1
1,2-Dichlorobenzene	<1.0	F2	1.0	0.33	ug/L			11/15/17 05:36	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/15/17 05:36	1
1,2,4-Trichlorobenzene	<1.0	F1	1.0	0.34	ug/L			11/15/17 05:36	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/15/17 05:36	1
Naphthalene	<1.0	F2	1.0	0.34	ug/L			11/15/17 05:36	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/15/17 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*75 - 126*		*11/15/17 05:36*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*11/15/17 05:36*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*11/15/17 05:36*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*11/15/17 05:36*	*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.
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

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

GC/MS VOA

Analysis Batch: 409799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-136805-1	Trip Blank	Total/NA	Water	8260B	
500-136805-2	RFW-2A	Total/NA	Water	8260B	
500-136805-3	RFW-2B	Total/NA	Water	8260B	
500-136805-4	RFW-1A	Total/NA	Water	8260B	
500-136805-5	RFW-1B	Total/NA	Water	8260B	
500-136805-6	RFW-7	Total/NA	Water	8260B	
500-136805-7	RFW-17	Total/NA	Water	8260B	
500-136805-8	RFW-6	Total/NA	Water	8260B	
MB 500-409799/6	Method Blank	Total/NA	Water	8260B	
LCS 500-409799/4	Lab Control Sample	Total/NA	Water	8260B	
500-136805-8 MS	RFW-6	Total/NA	Water	8260B	
500-136805-8 MSD	RFW-6	Total/NA	Water	8260B	

Analysis Batch: 409874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-136805-9	RFW-3B	Total/NA	Water	8260B	
500-136805-10	RFW-13	Total/NA	Water	8260B	
500-136805-11	RFW-11B	Total/NA	Water	8260B	
500-136805-12	RFW-9	Total/NA	Water	8260B	
500-136805-13	RFW-4A	Total/NA	Water	8260B	
500-136805-14	RFW-4A Dup	Total/NA	Water	8260B	
500-136805-15	RFW-4B	Total/NA	Water	8260B	
500-136805-16	RFW-12B	Total/NA	Water	8260B	
500-136805-17	EW-2	Total/NA	Water	8260B	
500-136805-18	EW-3	Total/NA	Water	8260B	
500-136805-19	EW-5	Total/NA	Water	8260B	
500-136805-20	EW-6	Total/NA	Water	8260B	
500-136805-21	EW-7	Total/NA	Water	8260B	
500-136805-22	EW-8	Total/NA	Water	8260B	
500-136805-23	EW-9	Total/NA	Water	8260B	
500-136805-24	EW-9 Dup	Total/NA	Water	8260B	
500-136805-25	EW-10	Total/NA	Water	8260B	
MB 500-409874/6	Method Blank	Total/NA	Water	8260B	
LCS 500-409874/4	Lab Control Sample	Total/NA	Water	8260B	
500-136805-25 MS	EW-10	Total/NA	Water	8260B	
500-136805-25 MSD	EW-10	Total/NA	Water	8260B	

Surrogate Summary

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

TestAmerica Job ID: 500-136805-1

Method: 8260B - VOC

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(75-126)	(75-120)	(72-124)	(75-120)
500-136805-1	Trip Blank	91	85	92	92
500-136805-2	RFW-2A	95	86	96	95
500-136805-3	RFW-2B	87	86	95	94
500-136805-4	RFW-1A	89	88	96	89
500-136805-5	RFW-1B	83	88	96	85
500-136805-6	RFW-7	86	86	95	91
500-136805-7	RFW-17	88	89	95	90
500-136805-8	RFW-6	88	87	98	91
500-136805-8 MS	RFW-6	89	84	91	101
500-136805-8 MSD	RFW-6	88	86	90	100
500-136805-9	RFW-3B	89	98	94	90
500-136805-10	RFW-13	87	88	98	91
500-136805-11	RFW-11B	84	85	97	91
500-136805-12	RFW-9	83	89	99	87
500-136805-13	RFW-4A	85	89	99	87
500-136805-14	RFW-4A Dup	85	88	98	87
500-136805-15	RFW-4B	91	89	96	94
500-136805-16	RFW-12B	92	86	98	94
500-136805-17	EW-2	87	91	99	90
500-136805-18	EW-3	88	88	98	91
500-136805-19	EW-5	81	92	97	88
500-136805-20	EW-6	85	89	97	90
500-136805-21	EW-7	85	89	96	87
500-136805-22	EW-8	91	90	99	97
500-136805-23	EW-9	85	87	97	93
500-136805-24	EW-9 Dup	84	88	99	89
500-136805-25	EW-10	78	90	98	89
500-136805-25 MS	EW-10	89	90	95	101
500-136805-25 MSD	EW-10	87	91	92	96
LCS 500-409799/4	Lab Control Sample	86	93	92	96
LCS 500-409874/4	Lab Control Sample	86	96	93	93
MB 500-409799/6	Method Blank	87	89	97	90
MB 500-409874/6	Method Blank	87	87	95	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane

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Method: 8260B - VOC

Lab Sample ID: MB 500-409799/6
Matrix: Water
Analysis Batch: 409799

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 10:02	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 10:02	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 10:02	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 10:02	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 10:02	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 10:02	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 10:02	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 10:02	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 10:02	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 10:02	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 10:02	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 10:02	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 10:02	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 10:02	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 10:02	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 10:02	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 10:02	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 10:02	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 10:02	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 10:02	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 10:02	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 10:02	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 10:02	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 10:02	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 10:02	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 10:02	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 10:02	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 10:02	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 10:02	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 10:02	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 10:02	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 10:02	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 10:02	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 10:02	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 10:02	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 10:02	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 10:02	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 10:02	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 10:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 10:02	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 10:02	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 10:02	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-409799/6
Matrix: Water
Analysis Batch: 409799

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 10:02	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 10:02	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 10:02	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 10:02	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 10:02	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 10:02	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 10:02	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 10:02	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 10:02	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 10:02	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 10:02	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 10:02	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 10:02	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 10:02	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 10:02	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 10:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*11/14/17 10:02*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*11/14/17 10:02*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*11/14/17 10:02*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*11/14/17 10:02*	*1*

Lab Sample ID: LCS 500-409799/4
Matrix: Water
Analysis Batch: 409799

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	49.8		ug/L		100	70 - 120
Dichlorodifluoromethane	50.0	53.6		ug/L		107	40 - 150
Chloromethane	50.0	55.3		ug/L		111	54 - 147
Vinyl chloride	50.0	49.3		ug/L		99	64 - 126
Bromomethane	50.0	63.7		ug/L		127	40 - 130
Chloroethane	50.0	59.9		ug/L		120	45 - 127
Trichlorofluoromethane	50.0	45.5		ug/L		91	70 - 126
1,1-Dichloroethene	50.0	48.3		ug/L		97	67 - 122
Carbon disulfide	50.0	48.2		ug/L		96	66 - 120
Acetone	50.0	57.1		ug/L		114	40 - 143
Methylene Chloride	50.0	48.2		ug/L		96	69 - 125
trans-1,2-Dichloroethene	50.0	48.4		ug/L		97	70 - 125
1,1-Dichloroethane	50.0	47.5		ug/L		95	70 - 125
2,2-Dichloropropane	50.0	56.5		ug/L		113	58 - 129
cis-1,2-Dichloroethene	50.0	48.5		ug/L		97	70 - 125
Methyl Ethyl Ketone	50.0	45.9		ug/L		92	53 - 141
Bromochloromethane	50.0	46.9		ug/L		94	65 - 122
Chloroform	50.0	47.0		ug/L		94	70 - 120
1,1,1-Trichloroethane	50.0	49.5		ug/L		99	70 - 125
1,1-Dichloropropene	50.0	51.8		ug/L		104	70 - 121

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-409799/4
Matrix: Water
Analysis Batch: 409799

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	50.5		ug/L		101	65 - 122
1,2-Dichloroethane	50.0	43.4		ug/L		87	68 - 127
Trichloroethene	50.0	47.9		ug/L		96	70 - 125
1,2-Dichloropropane	50.0	46.5		ug/L		93	67 - 130
Dibromomethane	50.0	46.8		ug/L		94	70 - 120
Bromodichloromethane	50.0	46.2		ug/L		92	69 - 120
cis-1,3-Dichloropropene	50.0	42.1		ug/L		84	64 - 127
methyl isobutyl ketone	50.0	46.6		ug/L		93	56 - 133
Toluene	50.0	47.8		ug/L		96	70 - 125
trans-1,3-Dichloropropene	50.0	40.6		ug/L		81	62 - 128
1,1,2-Trichloroethane	50.0	42.1		ug/L		84	70 - 122
Tetrachloroethene	50.0	47.3		ug/L		95	70 - 128
1,3-Dichloropropane	50.0	43.7		ug/L		87	62 - 136
2-Hexanone	50.0	46.0		ug/L		92	56 - 135
Dibromochloromethane	50.0	41.5		ug/L		83	68 - 125
1,2-Dibromoethane	50.0	41.5		ug/L		83	70 - 125
Chlorobenzene	50.0	46.8		ug/L		94	70 - 120
1,1,1,2-Tetrachloroethane	50.0	45.1		ug/L		90	70 - 125
Ethylbenzene	50.0	46.2		ug/L		92	70 - 120
m&p-Xylene	50.0	46.8		ug/L		94	70 - 125
o-Xylene	50.0	48.1		ug/L		96	70 - 120
Styrene	50.0	46.2		ug/L		92	70 - 120
Bromoform	50.0	40.1		ug/L		80	56 - 132
Isopropylbenzene	50.0	48.7		ug/L		97	70 - 126
Bromobenzene	50.0	46.0		ug/L		92	70 - 122
1,1,2,2-Tetrachloroethane	50.0	46.8		ug/L		94	67 - 127
1,2,3-Trichloropropane	50.0	43.5		ug/L		87	50 - 133
N-Propylbenzene	50.0	48.5		ug/L		97	69 - 127
2-Chlorotoluene	50.0	52.8		ug/L		106	70 - 125
1,3,5-Trimethylbenzene	50.0	47.8		ug/L		96	70 - 123
4-Chlorotoluene	50.0	45.9		ug/L		92	68 - 124
tert-Butylbenzene	50.0	45.1		ug/L		90	70 - 121
1,2,4-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 123
sec-Butylbenzene	50.0	46.6		ug/L		93	70 - 123
1,3-Dichlorobenzene	50.0	46.7		ug/L		93	70 - 125
p-Isopropyltoluene	50.0	47.0		ug/L		94	70 - 125
1,4-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 120
n-Butylbenzene	50.0	46.5		ug/L		93	68 - 125
1,2-Dichlorobenzene	50.0	45.2		ug/L		90	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	37.3		ug/L		75	56 - 123
1,2,4-Trichlorobenzene	50.0	43.5		ug/L		87	66 - 127
Hexachlorobutadiene	50.0	46.1		ug/L		92	51 - 150
Naphthalene	50.0	40.8		ug/L		82	59 - 130
1,2,3-Trichlorobenzene	50.0	42.7		ug/L		85	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
Toluene-d8 (Surr)	*93*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-409799/4
Matrix: Water
Analysis Batch: 409799

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*

Lab Sample ID: 500-136805-8 MS
Matrix: Water
Analysis Batch: 409799

Client Sample ID: RFW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.50	F2	50.0	57.5		ug/L		115	70 - 120
Dichlorodifluoromethane	<2.0		50.0	59.3		ug/L		119	40 - 150
Chloromethane	<1.0		50.0	64.1		ug/L		128	54 - 147
Vinyl chloride	<0.50		50.0	57.5		ug/L		115	64 - 126
Bromomethane	<2.0	F1 F2	50.0	72.7	F1	ug/L		145	40 - 130
Chloroethane	<1.0	F1 F2	50.0	67.3	F1	ug/L		135	45 - 127
Trichlorofluoromethane	<1.0		50.0	52.7		ug/L		105	70 - 126
1,1-Dichloroethene	<1.0	F2	50.0	54.8		ug/L		110	67 - 122
Carbon disulfide	<2.0		50.0	52.1		ug/L		104	66 - 120
Acetone	<5.0		50.0	66.0		ug/L		132	40 - 143
Methylene Chloride	<5.0	F2	50.0	58.5		ug/L		117	69 - 125
trans-1,2-Dichloroethene	<1.0	F2	50.0	55.6		ug/L		111	70 - 125
1,1-Dichloroethane	<1.0		50.0	54.8		ug/L		110	70 - 125
2,2-Dichloropropane	<1.0	F2	50.0	57.2		ug/L		114	58 - 129
cis-1,2-Dichloroethene	<1.0		50.0	56.5		ug/L		113	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	53.7		ug/L		107	53 - 141
Bromochloromethane	<1.0		50.0	57.1		ug/L		114	65 - 122
Chloroform	<2.0		50.0	53.8		ug/L		108	70 - 120
1,1,1-Trichloroethane	<1.0		50.0	54.6		ug/L		109	70 - 125
1,1-Dichloropropene	<1.0		50.0	58.2		ug/L		116	70 - 121
Carbon tetrachloride	<1.0		50.0	55.2		ug/L		110	65 - 122
1,2-Dichloroethane	<1.0		50.0	50.5		ug/L		101	68 - 127
Trichloroethene	<0.50		50.0	53.8		ug/L		108	70 - 125
1,2-Dichloropropane	<1.0		50.0	52.0		ug/L		104	67 - 130
Dibromomethane	<1.0	F2	50.0	54.3		ug/L		109	70 - 120
Bromodichloromethane	<1.0	F2	50.0	50.6		ug/L		101	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	42.9		ug/L		86	64 - 127
methyl isobutyl ketone	<5.0		50.0	48.4		ug/L		97	56 - 133
Toluene	<0.50		50.0	48.8		ug/L		98	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	42.1		ug/L		84	62 - 128
1,1,2-Trichloroethane	<1.0		50.0	47.6		ug/L		95	70 - 122
Tetrachloroethene	0.52	J	50.0	45.8		ug/L		91	70 - 128
1,3-Dichloropropane	<1.0		50.0	46.7		ug/L		93	62 - 136
2-Hexanone	<5.0		50.0	46.1		ug/L		92	56 - 135
Dibromochloromethane	<1.0		50.0	43.4		ug/L		87	68 - 125
1,2-Dibromoethane	<1.0		50.0	46.7		ug/L		93	70 - 125
Chlorobenzene	<1.0		50.0	51.5		ug/L		103	70 - 120
1,1,1,2-Tetrachloroethane	<1.0	F2	50.0	47.0		ug/L		94	70 - 125
Ethylbenzene	<0.50		50.0	50.2		ug/L		100	70 - 120
m&p-Xylene	<1.0		50.0	51.2		ug/L		102	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-136805-8 MS
Matrix: Water
Analysis Batch: 409799

Client Sample ID: RFW-6
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	50.8		ug/L		102	70 - 120
Styrene	<1.0		50.0	52.1		ug/L		104	70 - 120
Bromoform	<1.0	F2	50.0	44.3		ug/L		89	56 - 132
Isopropylbenzene	<1.0		50.0	50.4		ug/L		101	70 - 126
Bromobenzene	<1.0		50.0	51.5		ug/L		103	70 - 122
1,1,2,2-Tetrachloroethane	<1.0		50.0	52.3		ug/L		105	67 - 127
1,2,3-Trichloropropane	<1.0	F2	50.0	49.4		ug/L		99	50 - 133
N-Propylbenzene	<1.0	F2	50.0	50.9		ug/L		102	69 - 127
2-Chlorotoluene	<1.0		50.0	55.3		ug/L		111	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	50.4		ug/L		101	70 - 123
4-Chlorotoluene	<1.0		50.0	50.3		ug/L		101	68 - 124
tert-Butylbenzene	<1.0		50.0	49.5		ug/L		99	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	49.3		ug/L		99	70 - 123
sec-Butylbenzene	<1.0		50.0	50.0		ug/L		100	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	48.3		ug/L		97	70 - 125
p-Isopropyltoluene	<1.0		50.0	49.2		ug/L		98	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	49.4		ug/L		99	70 - 120
n-Butylbenzene	<1.0		50.0	47.7		ug/L		95	68 - 125
1,2-Dichlorobenzene	<1.0		50.0	49.6		ug/L		99	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	42.0		ug/L		84	56 - 123
1,2,4-Trichlorobenzene	<1.0		50.0	43.8		ug/L		88	66 - 127
Hexachlorobutadiene	<1.0		50.0	47.0		ug/L		94	51 - 150
Naphthalene	<1.0		50.0	46.6		ug/L		93	59 - 130
1,2,3-Trichlorobenzene	<1.0		50.0	47.5		ug/L		95	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*
Toluene-d8 (Surr)	*84*		*75 - 120*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane	*101*		*75 - 120*

Lab Sample ID: 500-136805-8 MSD
Matrix: Water
Analysis Batch: 409799

Client Sample ID: RFW-6
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	F2	50.0	46.4	F2	ug/L		93	70 - 120	21	20
Dichlorodifluoromethane	<2.0		50.0	53.2		ug/L		106	40 - 150	11	20
Chloromethane	<1.0		50.0	55.2		ug/L		110	54 - 147	15	20
Vinyl chloride	<0.50		50.0	47.7		ug/L		95	64 - 126	19	20
Bromomethane	<2.0	F1 F2	50.0	57.8	F2	ug/L		116	40 - 130	23	20
Chloroethane	<1.0	F1 F2	50.0	52.8	F2	ug/L		106	45 - 127	24	20
Trichlorofluoromethane	<1.0		50.0	44.7		ug/L		89	70 - 126	16	20
1,1-Dichloroethene	<1.0	F2	50.0	44.0	F2	ug/L		88	67 - 122	22	20
Carbon disulfide	<2.0		50.0	43.4		ug/L		87	66 - 120	18	20
Acetone	<5.0		50.0	55.4		ug/L		111	40 - 143	18	20
Methylene Chloride	<5.0	F2	50.0	47.0	F2	ug/L		94	69 - 125	22	20
trans-1,2-Dichloroethene	<1.0	F2	50.0	44.7	F2	ug/L		89	70 - 125	22	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-136805-8 MSD
Matrix: Water
Analysis Batch: 409799

Client Sample ID: RFW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<1.0		50.0	45.7		ug/L		91	70 - 125	18	20
2,2-Dichloropropane	<1.0	F2	50.0	45.0	F2	ug/L		90	58 - 129	24	20
cis-1,2-Dichloroethene	<1.0		50.0	47.2		ug/L		94	70 - 125	18	20
Methyl Ethyl Ketone	<5.0		50.0	45.0		ug/L		90	53 - 141	18	20
Bromochloromethane	<1.0		50.0	47.0		ug/L		94	65 - 122	19	20
Chloroform	<2.0		50.0	44.8		ug/L		90	70 - 120	18	20
1,1,1-Trichloroethane	<1.0		50.0	45.1		ug/L		90	70 - 125	19	20
1,1-Dichloropropene	<1.0		50.0	48.5		ug/L		97	70 - 121	18	20
Carbon tetrachloride	<1.0		50.0	45.8		ug/L		92	65 - 122	19	20
1,2-Dichloroethane	<1.0		50.0	41.5		ug/L		83	68 - 127	20	20
Trichloroethene	<0.50		50.0	44.6		ug/L		89	70 - 125	19	20
1,2-Dichloropropane	<1.0		50.0	44.0		ug/L		88	67 - 130	17	20
Dibromomethane	<1.0	F2	50.0	42.8	F2	ug/L		86	70 - 120	24	20
Bromodichloromethane	<1.0	F2	50.0	41.1	F2	ug/L		82	69 - 120	21	20
cis-1,3-Dichloropropene	<1.0		50.0	37.7		ug/L		75	64 - 127	13	20
methyl isobutyl ketone	<5.0		50.0	41.9		ug/L		84	56 - 133	14	20
Toluene	<0.50		50.0	41.7		ug/L		83	70 - 125	16	20
trans-1,3-Dichloropropene	<1.0		50.0	37.7		ug/L		75	62 - 128	11	20
1,1,2-Trichloroethane	<1.0		50.0	41.4		ug/L		83	70 - 122	14	20
Tetrachloroethene	0.52	J	50.0	41.9		ug/L		83	70 - 128	9	20
1,3-Dichloropropane	<1.0		50.0	43.5		ug/L		87	62 - 136	7	20
2-Hexanone	<5.0		50.0	42.2		ug/L		84	56 - 135	9	20
Dibromochloromethane	<1.0		50.0	36.8		ug/L		74	68 - 125	17	20
1,2-Dibromoethane	<1.0		50.0	40.1		ug/L		80	70 - 125	15	20
Chlorobenzene	<1.0		50.0	42.3		ug/L		85	70 - 120	20	20
1,1,1,2-Tetrachloroethane	<1.0	F2	50.0	37.3	F2	ug/L		75	70 - 125	23	20
Ethylbenzene	<0.50		50.0	42.1		ug/L		84	70 - 120	17	20
m&p-Xylene	<1.0		50.0	42.0		ug/L		84	70 - 125	20	20
o-Xylene	<0.50		50.0	41.4		ug/L		83	70 - 120	20	20
Styrene	<1.0		50.0	42.6		ug/L		85	70 - 120	20	20
Bromoform	<1.0	F2	50.0	35.8	F2	ug/L		72	56 - 132	21	20
Isopropylbenzene	<1.0		50.0	42.0		ug/L		84	70 - 126	18	20
Bromobenzene	<1.0		50.0	42.9		ug/L		86	70 - 122	18	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	44.0		ug/L		88	67 - 127	17	20
1,2,3-Trichloropropane	<1.0	F2	50.0	40.0	F2	ug/L		80	50 - 133	21	20
N-Propylbenzene	<1.0	F2	50.0	40.3	F2	ug/L		81	69 - 127	23	20
2-Chlorotoluene	<1.0		50.0	45.4		ug/L		91	70 - 125	20	20
1,3,5-Trimethylbenzene	<1.0		50.0	42.3		ug/L		85	70 - 123	17	20
4-Chlorotoluene	<1.0		50.0	41.7		ug/L		83	68 - 124	19	20
tert-Butylbenzene	<1.0		50.0	40.8		ug/L		82	70 - 121	19	20
1,2,4-Trimethylbenzene	<1.0		50.0	41.6		ug/L		83	70 - 123	17	20
sec-Butylbenzene	<1.0		50.0	41.1		ug/L		82	70 - 123	19	20
1,3-Dichlorobenzene	<1.0		50.0	40.7		ug/L		81	70 - 125	17	20
p-Isopropyltoluene	<1.0		50.0	42.1		ug/L		84	70 - 125	15	20
1,4-Dichlorobenzene	<1.0		50.0	42.2		ug/L		84	70 - 120	16	20
n-Butylbenzene	<1.0		50.0	41.1		ug/L		82	68 - 125	15	20
1,2-Dichlorobenzene	<1.0		50.0	42.7		ug/L		85	70 - 125	15	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	36.6		ug/L		73	56 - 123	14	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-136805-8 MSD
Matrix: Water
Analysis Batch: 409799

Client Sample ID: RFW-6
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	37.6		ug/L		75	66 - 127	15	20
Hexachlorobutadiene	<1.0		50.0	40.6		ug/L		81	51 - 150	15	20
Naphthalene	<1.0		50.0	39.7		ug/L		79	59 - 130	16	20
1,2,3-Trichlorobenzene	<1.0		50.0	39.6		ug/L		79	55 - 140	18	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*
Toluene-d8 (Surr)	*86*		*75 - 120*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane	*100*		*75 - 120*

Lab Sample ID: MB 500-409874/6
Matrix: Water
Analysis Batch: 409874

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			11/14/17 22:29	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			11/14/17 22:29	1
Chloromethane	<1.0		1.0	0.32	ug/L			11/14/17 22:29	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			11/14/17 22:29	1
Bromomethane	<2.0		2.0	0.80	ug/L			11/14/17 22:29	1
Chloroethane	<1.0		1.0	0.51	ug/L			11/14/17 22:29	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			11/14/17 22:29	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			11/14/17 22:29	1
Acetone	<5.0		5.0	1.7	ug/L			11/14/17 22:29	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			11/14/17 22:29	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			11/14/17 22:29	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			11/14/17 22:29	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			11/14/17 22:29	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			11/14/17 22:29	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			11/14/17 22:29	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			11/14/17 22:29	1
Chloroform	<2.0		2.0	0.37	ug/L			11/14/17 22:29	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			11/14/17 22:29	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			11/14/17 22:29	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			11/14/17 22:29	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
Trichloroethene	<0.50		0.50	0.16	ug/L			11/14/17 22:29	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			11/14/17 22:29	1
Dibromomethane	<1.0		1.0	0.27	ug/L			11/14/17 22:29	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			11/14/17 22:29	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			11/14/17 22:29	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			11/14/17 22:29	1
Toluene	<0.50		0.50	0.15	ug/L			11/14/17 22:29	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			11/14/17 22:29	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			11/14/17 22:29	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			11/14/17 22:29	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-409874/6
Matrix: Water
Analysis Batch: 409874

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			11/14/17 22:29	1
2-Hexanone	<5.0		5.0	1.6	ug/L			11/14/17 22:29	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			11/14/17 22:29	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			11/14/17 22:29	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			11/14/17 22:29	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			11/14/17 22:29	1
o-Xylene	<0.50		0.50	0.22	ug/L			11/14/17 22:29	1
Styrene	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
Bromoform	<1.0		1.0	0.48	ug/L			11/14/17 22:29	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
Bromobenzene	<1.0		1.0	0.36	ug/L			11/14/17 22:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			11/14/17 22:29	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			11/14/17 22:29	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			11/14/17 22:29	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			11/14/17 22:29	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			11/14/17 22:29	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			11/14/17 22:29	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 22:29	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			11/14/17 22:29	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			11/14/17 22:29	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			11/14/17 22:29	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			11/14/17 22:29	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			11/14/17 22:29	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			11/14/17 22:29	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			11/14/17 22:29	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			11/14/17 22:29	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			11/14/17 22:29	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			11/14/17 22:29	1
Naphthalene	<1.0		1.0	0.34	ug/L			11/14/17 22:29	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			11/14/17 22:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*		*11/14/17 22:29*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*11/14/17 22:29*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*11/14/17 22:29*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*11/14/17 22:29*	*1*

Lab Sample ID: LCS 500-409874/4
Matrix: Water
Analysis Batch: 409874

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	54.1		ug/L		108	70 - 120
Dichlorodifluoromethane	50.0	55.3		ug/L		111	40 - 150
Chloromethane	50.0	59.9		ug/L		120	54 - 147
Vinyl chloride	50.0	51.1		ug/L		102	64 - 126

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-409874/4
Matrix: Water
Analysis Batch: 409874

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	63.9		ug/L		128	40 - 130
Chloroethane	50.0	57.0		ug/L		114	45 - 127
Trichlorofluoromethane	50.0	49.1		ug/L		98	70 - 126
1,1-Dichloroethene	50.0	49.2		ug/L		98	67 - 122
Carbon disulfide	50.0	47.6		ug/L		95	66 - 120
Acetone	50.0	52.4		ug/L		105	40 - 143
Methylene Chloride	50.0	50.5		ug/L		101	69 - 125
trans-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 125
1,1-Dichloroethane	50.0	50.0		ug/L		100	70 - 125
2,2-Dichloropropane	50.0	48.3		ug/L		97	58 - 129
cis-1,2-Dichloroethene	50.0	51.3		ug/L		103	70 - 125
Methyl Ethyl Ketone	50.0	51.5		ug/L		103	53 - 141
Bromochloromethane	50.0	51.5		ug/L		103	65 - 122
Chloroform	50.0	49.5		ug/L		99	70 - 120
1,1,1-Trichloroethane	50.0	49.7		ug/L		99	70 - 125
1,1-Dichloropropene	50.0	53.4		ug/L		107	70 - 121
Carbon tetrachloride	50.0	50.8		ug/L		102	65 - 122
1,2-Dichloroethane	50.0	48.6		ug/L		97	68 - 127
Trichloroethene	50.0	53.3		ug/L		107	70 - 125
1,2-Dichloropropane	50.0	52.1		ug/L		104	67 - 130
Dibromomethane	50.0	51.4		ug/L		103	70 - 120
Bromodichloromethane	50.0	50.6		ug/L		101	69 - 120
cis-1,3-Dichloropropene	50.0	48.5		ug/L		97	64 - 127
methyl isobutyl ketone	50.0	54.1		ug/L		108	56 - 133
Toluene	50.0	55.1		ug/L		110	70 - 125
trans-1,3-Dichloropropene	50.0	47.7		ug/L		95	62 - 128
1,1,2-Trichloroethane	50.0	52.0		ug/L		104	70 - 122
Tetrachloroethene	50.0	52.0		ug/L		104	70 - 128
1,3-Dichloropropane	50.0	51.9		ug/L		104	62 - 136
2-Hexanone	50.0	52.4		ug/L		105	56 - 135
Dibromochloromethane	50.0	47.5		ug/L		95	68 - 125
1,2-Dibromoethane	50.0	48.8		ug/L		98	70 - 125
Chlorobenzene	50.0	51.8		ug/L		104	70 - 120
1,1,1,2-Tetrachloroethane	50.0	48.6		ug/L		97	70 - 125
Ethylbenzene	50.0	51.6		ug/L		103	70 - 120
m&p-Xylene	50.0	50.8		ug/L		102	70 - 125
o-Xylene	50.0	50.9		ug/L		102	70 - 120
Styrene	50.0	51.2		ug/L		102	70 - 120
Bromoform	50.0	46.0		ug/L		92	56 - 132
Isopropylbenzene	50.0	50.9		ug/L		102	70 - 126
Bromobenzene	50.0	51.5		ug/L		103	70 - 122
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/L		105	67 - 127
1,2,3-Trichloropropane	50.0	49.3		ug/L		99	50 - 133
N-Propylbenzene	50.0	51.6		ug/L		103	69 - 127
2-Chlorotoluene	50.0	56.8		ug/L		114	70 - 125
1,3,5-Trimethylbenzene	50.0	52.1		ug/L		104	70 - 123
4-Chlorotoluene	50.0	51.5		ug/L		103	68 - 124
tert-Butylbenzene	50.0	50.8		ug/L		102	70 - 121

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-409874/4
Matrix: Water
Analysis Batch: 409874

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	50.5		ug/L		101	70 - 123
sec-Butylbenzene	50.0	50.1		ug/L		100	70 - 123
1,3-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 125
p-Isopropyltoluene	50.0	49.3		ug/L		99	70 - 125
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	70 - 120
n-Butylbenzene	50.0	47.3		ug/L		95	68 - 125
1,2-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.0		ug/L		82	56 - 123
1,2,4-Trichlorobenzene	50.0	41.1		ug/L		82	66 - 127
Hexachlorobutadiene	50.0	44.8		ug/L		90	51 - 150
Naphthalene	50.0	42.7		ug/L		85	59 - 130
1,2,3-Trichlorobenzene	50.0	43.0		ug/L		86	55 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
Toluene-d8 (Surr)	*96*		*75 - 120*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*
Dibromofluoromethane	*93*		*75 - 120*

Lab Sample ID: 500-136805-25 MS
Matrix: Water
Analysis Batch: 409874

Client Sample ID: EW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.50	F2	50.0	55.8		ug/L		112	70 - 120
Dichlorodifluoromethane	<2.0		50.0	58.3		ug/L		117	40 - 150
Chloromethane	<1.0		50.0	62.9		ug/L		126	54 - 147
Vinyl chloride	<0.50		50.0	55.3		ug/L		111	64 - 126
Bromomethane	<2.0	F1	50.0	72.2	F1	ug/L		144	40 - 130
Chloroethane	<1.0	F1	50.0	67.5	F1	ug/L		135	45 - 127
Trichlorofluoromethane	<1.0		50.0	50.9		ug/L		102	70 - 126
1,1-Dichloroethene	<1.0	F2	50.0	51.0		ug/L		102	67 - 122
Carbon disulfide	<2.0	F2	50.0	49.9		ug/L		100	66 - 120
Acetone	<5.0		50.0	60.4		ug/L		121	40 - 143
Methylene Chloride	<5.0	F2	50.0	56.2		ug/L		112	69 - 125
trans-1,2-Dichloroethene	<1.0	F2	50.0	52.9		ug/L		106	70 - 125
1,1-Dichloroethane	<1.0	F2	50.0	53.1		ug/L		106	70 - 125
2,2-Dichloropropane	<1.0	F2	50.0	53.7		ug/L		107	58 - 129
cis-1,2-Dichloroethene	<1.0	F2	50.0	54.9		ug/L		110	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	53.0		ug/L		106	53 - 141
Bromochloromethane	<1.0	F2	50.0	54.9		ug/L		110	65 - 122
Chloroform	<2.0	F2	50.0	53.0		ug/L		106	70 - 120
1,1,1-Trichloroethane	<1.0	F2	50.0	53.5		ug/L		107	70 - 125
1,1-Dichloropropene	<1.0	F2	50.0	56.4		ug/L		113	70 - 121
Carbon tetrachloride	<1.0	F2	50.0	53.0		ug/L		106	65 - 122
1,2-Dichloroethane	<1.0	F2	50.0	48.4		ug/L		97	68 - 127
Trichloroethene	<0.50	F2	50.0	51.6		ug/L		103	70 - 125
1,2-Dichloropropane	<1.0	F2	50.0	51.0		ug/L		102	67 - 130

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-136805-25 MS
Matrix: Water
Analysis Batch: 409874

Client Sample ID: EW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromomethane	<1.0	F2	50.0	49.9		ug/L		100	70 - 120
Bromodichloromethane	<1.0	F2	50.0	49.0		ug/L		98	69 - 120
cis-1,3-Dichloropropene	<1.0		50.0	40.3		ug/L		81	64 - 127
methyl isobutyl ketone	<5.0		50.0	49.4		ug/L		99	56 - 133
Toluene	<0.50		50.0	50.3		ug/L		101	70 - 125
trans-1,3-Dichloropropene	<1.0	F2	50.0	43.9		ug/L		88	62 - 128
1,1,2-Trichloroethane	<1.0	F2	50.0	48.0		ug/L		96	70 - 122
Tetrachloroethene	2.2	F2	50.0	50.7		ug/L		97	70 - 128
1,3-Dichloropropane	<1.0	F2	50.0	49.9		ug/L		100	62 - 136
2-Hexanone	<5.0		50.0	47.7		ug/L		95	56 - 135
Dibromochloromethane	<1.0		50.0	43.5		ug/L		87	68 - 125
1,2-Dibromoethane	<1.0		50.0	46.7		ug/L		93	70 - 125
Chlorobenzene	<1.0	F2	50.0	50.6		ug/L		101	70 - 120
1,1,1,2-Tetrachloroethane	<1.0		50.0	42.4		ug/L		85	70 - 125
Ethylbenzene	<0.50		50.0	44.1		ug/L		88	70 - 120
m&p-Xylene	<1.0		50.0	45.2		ug/L		90	70 - 125
o-Xylene	<0.50		50.0	49.0		ug/L		98	70 - 120
Styrene	<1.0		50.0	49.8		ug/L		100	70 - 120
Bromoform	<1.0		50.0	42.7		ug/L		85	56 - 132
Isopropylbenzene	<1.0		50.0	49.9		ug/L		100	70 - 126
Bromobenzene	<1.0		50.0	50.5		ug/L		101	70 - 122
1,1,2,2-Tetrachloroethane	<1.0	F2	50.0	51.3		ug/L		103	67 - 127
1,2,3-Trichloropropane	<1.0	F2	50.0	47.2		ug/L		94	50 - 133
N-Propylbenzene	<1.0	F2	50.0	50.9		ug/L		102	69 - 127
2-Chlorotoluene	<1.0	F2	50.0	55.5		ug/L		111	70 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	50.1		ug/L		100	70 - 123
4-Chlorotoluene	<1.0		50.0	49.6		ug/L		99	68 - 124
tert-Butylbenzene	<1.0		50.0	49.9		ug/L		100	70 - 121
1,2,4-Trimethylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 123
sec-Butylbenzene	<1.0		50.0	49.3		ug/L		99	70 - 123
1,3-Dichlorobenzene	<1.0		50.0	47.0		ug/L		94	70 - 125
p-Isopropyltoluene	<1.0		50.0	47.5		ug/L		95	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	47.0		ug/L		94	70 - 120
n-Butylbenzene	<1.0		50.0	44.8		ug/L		90	68 - 125
1,2-Dichlorobenzene	<1.0	F2	50.0	48.8		ug/L		98	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	40.1		ug/L		80	56 - 123
1,2,4-Trichlorobenzene	<1.0	F1	50.0	39.9		ug/L		80	66 - 127
Hexachlorobutadiene	<1.0		50.0	44.5		ug/L		89	51 - 150
Naphthalene	<1.0	F2	50.0	43.1		ug/L		86	59 - 130
1,2,3-Trichlorobenzene	<1.0		50.0	42.3		ug/L		85	55 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*
Toluene-d8 (Surr)	*90*		*75 - 120*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*
Dibromofluoromethane	*101*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-136805-25 MSD
Matrix: Water
Analysis Batch: 409874

Client Sample ID: EW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.50	F2	50.0	44.0	F2	ug/L		88	70 - 120	24	20
Dichlorodifluoromethane	<2.0		50.0	55.9		ug/L		112	40 - 150	4	20
Chloromethane	<1.0		50.0	61.3		ug/L		123	54 - 147	3	20
Vinyl chloride	<0.50		50.0	55.1		ug/L		110	64 - 126	1	20
Bromomethane	<2.0	F1	50.0	68.0	F1	ug/L		136	40 - 130	6	20
Chloroethane	<1.0	F1	50.0	64.4	F1	ug/L		129	45 - 127	5	20
Trichlorofluoromethane	<1.0		50.0	50.4		ug/L		101	70 - 126	1	20
1,1-Dichloroethene	<1.0	F2	50.0	41.0	F2	ug/L		82	67 - 122	22	20
Carbon disulfide	<2.0	F2	50.0	39.9	F2	ug/L		80	66 - 120	22	20
Acetone	<5.0		50.0	50.1		ug/L		100	40 - 143	19	20
Methylene Chloride	<5.0	F2	50.0	43.5	F2	ug/L		87	69 - 125	25	20
trans-1,2-Dichloroethene	<1.0	F2	50.0	41.8	F2	ug/L		84	70 - 125	23	20
1,1-Dichloroethane	<1.0	F2	50.0	41.6	F2	ug/L		83	70 - 125	24	20
2,2-Dichloropropane	<1.0	F2	50.0	43.0	F2	ug/L		86	58 - 129	22	20
cis-1,2-Dichloroethene	<1.0	F2	50.0	43.3	F2	ug/L		87	70 - 125	24	20
Methyl Ethyl Ketone	<5.0		50.0	48.6		ug/L		97	53 - 141	9	20
Bromochloromethane	<1.0	F2	50.0	42.0	F2	ug/L		84	65 - 122	27	20
Chloroform	<2.0	F2	50.0	41.7	F2	ug/L		83	70 - 120	24	20
1,1,1-Trichloroethane	<1.0	F2	50.0	42.2	F2	ug/L		84	70 - 125	24	20
1,1-Dichloropropene	<1.0	F2	50.0	43.8	F2	ug/L		88	70 - 121	25	20
Carbon tetrachloride	<1.0	F2	50.0	41.5	F2	ug/L		83	65 - 122	24	20
1,2-Dichloroethane	<1.0	F2	50.0	39.0	F2	ug/L		78	68 - 127	22	20
Trichloroethene	<0.50	F2	50.0	39.7	F2	ug/L		79	70 - 125	26	20
1,2-Dichloropropane	<1.0	F2	50.0	39.6	F2	ug/L		79	67 - 130	25	20
Dibromomethane	<1.0	F2	50.0	38.4	F2	ug/L		77	70 - 120	26	20
Bromodichloromethane	<1.0	F2	50.0	37.6	F2	ug/L		75	69 - 120	26	20
cis-1,3-Dichloropropene	<1.0		50.0	35.4		ug/L		71	64 - 127	13	20
methyl isobutyl ketone	<5.0		50.0	48.4		ug/L		97	56 - 133	2	20
Toluene	<0.50		50.0	41.9		ug/L		84	70 - 125	18	20
trans-1,3-Dichloropropene	<1.0	F2	50.0	34.4	F2	ug/L		69	62 - 128	24	20
1,1,2-Trichloroethane	<1.0	F2	50.0	38.9	F2	ug/L		78	70 - 122	21	20
Tetrachloroethene	2.2	F2	50.0	39.8	F2	ug/L		75	70 - 128	24	20
1,3-Dichloropropane	<1.0	F2	50.0	37.8	F2	ug/L		76	62 - 136	27	20
2-Hexanone	<5.0		50.0	46.3		ug/L		93	56 - 135	3	20
Dibromochloromethane	<1.0		50.0	35.5		ug/L		71	68 - 125	20	20
1,2-Dibromoethane	<1.0		50.0	38.4		ug/L		77	70 - 125	20	20
Chlorobenzene	<1.0	F2	50.0	40.9	F2	ug/L		82	70 - 120	21	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	36.2		ug/L		72	70 - 125	16	20
Ethylbenzene	<0.50		50.0	36.7		ug/L		73	70 - 120	18	20
m&p-Xylene	<1.0		50.0	40.3		ug/L		81	70 - 125	11	20
o-Xylene	<0.50		50.0	43.3		ug/L		87	70 - 120	12	20
Styrene	<1.0		50.0	44.0		ug/L		88	70 - 120	12	20
Bromoform	<1.0		50.0	37.2		ug/L		74	56 - 132	14	20
Isopropylbenzene	<1.0		50.0	41.4		ug/L		83	70 - 126	19	20
Bromobenzene	<1.0		50.0	41.3		ug/L		83	70 - 122	20	20
1,1,2,2-Tetrachloroethane	<1.0	F2	50.0	41.6	F2	ug/L		83	67 - 127	21	20
1,2,3-Trichloropropane	<1.0	F2	50.0	38.0	F2	ug/L		76	50 - 133	22	20
N-Propylbenzene	<1.0	F2	50.0	41.1	F2	ug/L		82	69 - 127	21	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-136805-25 MSD
Matrix: Water
Analysis Batch: 409874

Client Sample ID: EW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	<1.0	F2	50.0	44.3	F2	ug/L		89	70 - 125	22	20
1,3,5-Trimethylbenzene	<1.0		50.0	41.0		ug/L		82	70 - 123	20	20
4-Chlorotoluene	<1.0		50.0	40.4		ug/L		81	68 - 124	20	20
tert-Butylbenzene	<1.0		50.0	41.0		ug/L		82	70 - 121	20	20
1,2,4-Trimethylbenzene	<1.0		50.0	40.0		ug/L		80	70 - 123	20	20
sec-Butylbenzene	<1.0		50.0	40.5		ug/L		81	70 - 123	19	20
1,3-Dichlorobenzene	<1.0		50.0	38.8		ug/L		78	70 - 125	19	20
p-Isopropyltoluene	<1.0		50.0	39.3		ug/L		79	70 - 125	19	20
1,4-Dichlorobenzene	<1.0		50.0	38.8		ug/L		78	70 - 120	19	20
n-Butylbenzene	<1.0		50.0	36.9		ug/L		74	68 - 125	19	20
1,2-Dichlorobenzene	<1.0	F2	50.0	39.2	F2	ug/L		78	70 - 125	22	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	33.3		ug/L		67	56 - 123	19	20
1,2,4-Trichlorobenzene	<1.0	F1	50.0	32.5	F1	ug/L		65	66 - 127	20	20
Hexachlorobutadiene	<1.0		50.0	36.5		ug/L		73	51 - 150	20	20
Naphthalene	<1.0	F2	50.0	34.5	F2	ug/L		69	59 - 130	22	20
1,2,3-Trichlorobenzene	<1.0		50.0	34.8		ug/L		70	55 - 140	19	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 126*
Toluene-d8 (Surr)	*91*		*75 - 120*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*

Client Sample ID: Trip Blank

Lab Sample ID: 500-136805-1
Matrix: Water

Date Collected: 11/02/17 06:00
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 15:54	JJH	TAL CHI

Client Sample ID: RFW-2A

Lab Sample ID: 500-136805-2
Matrix: Water

Date Collected: 11/02/17 10:35
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 16:19	JJH	TAL CHI

Client Sample ID: RFW-2B

Lab Sample ID: 500-136805-3
Matrix: Water

Date Collected: 11/02/17 11:15
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 16:45	JJH	TAL CHI

Client Sample ID: RFW-1A

Lab Sample ID: 500-136805-4
Matrix: Water

Date Collected: 11/02/17 12:10
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 17:10	JJH	TAL CHI

Client Sample ID: RFW-1B

Lab Sample ID: 500-136805-5
Matrix: Water

Date Collected: 11/02/17 13:00
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 17:35	JJH	TAL CHI

Client Sample ID: RFW-7

Lab Sample ID: 500-136805-6
Matrix: Water

Date Collected: 11/02/17 13:55
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 18:00	JJH	TAL CHI

Client Sample ID: RFW-17

Lab Sample ID: 500-136805-7
Matrix: Water

Date Collected: 11/02/17 14:40
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 18:25	JJH	TAL CHI

Client Sample ID: RFW-6

Lab Sample ID: 500-136805-8
Matrix: Water

Date Collected: 11/02/17 15:40
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409799	11/14/17 18:50	JJH	TAL CHI

Client Sample ID: RFW-3B

Lab Sample ID: 500-136805-9
Matrix: Water

Date Collected: 11/02/17 16:30
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/14/17 22:54	JJH	TAL CHI

Client Sample ID: RFW-13

Lab Sample ID: 500-136805-10
Matrix: Water

Date Collected: 11/03/17 08:20
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/14/17 23:20	JJH	TAL CHI

Client Sample ID: RFW-11B

Lab Sample ID: 500-136805-11
Matrix: Water

Date Collected: 11/03/17 09:15
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/14/17 23:45	JJH	TAL CHI

Client Sample ID: RFW-9

Lab Sample ID: 500-136805-12
Matrix: Water

Date Collected: 11/03/17 11:05
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 00:10	JJH	TAL CHI

Client Sample ID: RFW-4A

Lab Sample ID: 500-136805-13
Matrix: Water

Date Collected: 11/03/17 12:05
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 00:35	JJH	TAL CHI

Client Sample ID: RFW-4A Dup

Lab Sample ID: 500-136805-14
Matrix: Water

Date Collected: 11/03/17 12:05
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 00:59	JJH	TAL CHI

Client Sample ID: RFW-4B

Lab Sample ID: 500-136805-15
Matrix: Water

Date Collected: 11/03/17 12:30
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 01:24	JJH	TAL CHI

Client Sample ID: RFW-12B

Lab Sample ID: 500-136805-16
Matrix: Water

Date Collected: 11/03/17 13:30
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 01:49	JJH	TAL CHI

Client Sample ID: EW-2

Lab Sample ID: 500-136805-17
Matrix: Water

Date Collected: 11/03/17 13:45
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 02:14	JJH	TAL CHI

Client Sample ID: EW-3

Lab Sample ID: 500-136805-18
Matrix: Water

Date Collected: 11/03/17 08:55
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 02:39	JJH	TAL CHI

Client Sample ID: EW-5

Lab Sample ID: 500-136805-19
Matrix: Water

Date Collected: 11/03/17 09:45
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 03:04	JJH	TAL CHI

Client Sample ID: EW-6

Lab Sample ID: 500-136805-20
Matrix: Water

Date Collected: 11/02/17 17:10
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 03:30	JJH	TAL CHI

Client Sample ID: EW-7

Lab Sample ID: 500-136805-21
Matrix: Water

Date Collected: 11/02/17 17:00
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 03:55	JJH	TAL CHI

Client Sample ID: EW-8

Lab Sample ID: 500-136805-22
Matrix: Water

Date Collected: 11/02/17 16:55
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 04:20	JJH	TAL CHI

Client Sample ID: EW-9

Lab Sample ID: 500-136805-23
Matrix: Water

Date Collected: 11/02/17 16:50
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 04:45	JJH	TAL CHI

Client Sample ID: EW-9 Dup

Lab Sample ID: 500-136805-24
Matrix: Water

Date Collected: 11/02/17 16:50
Date Received: 11/04/17 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 05:10	JJH	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 500-136805-1

Client Sample ID: EW-10
Date Collected: 11/02/17 16:40
Date Received: 11/04/17 11:05

Lab Sample ID: 500-136805-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	409874	11/15/17 05:36	JJH	TAL CHI

Laboratory References:

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

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Accreditation/Certification Summary

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

TestAmerica Job ID: 500-136805-1

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	12-31-17 *
Kentucky (UST)	State Program	4	66	04-30-18
Kentucky (WW)	State Program	4	KY90023	12-31-17 *
Mississippi	State Program	4	N/A	04-30-18
New York	NELAP	2	12019	04-01-18 *
North Carolina (WW/SW)	State Program	4	291	12-31-17 *
North Dakota	State Program	8	R-194	04-30-18
Oklahoma	State Program	6	8908	08-31-18
South Carolina	State Program	4	77001	04-30-18
USDA	Federal		P330-15-00038	02-11-18
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

Chain of Custody Record

Lab Job #: 500-136805

Chain of Custody Number:

Page 1 of 3

Temperature °C of Cooler: 23

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

Client	Client Project #	Preservative	HCl
Weston Solutions	02501.004.005.0001		
Project Name: Black + Decker		Parameter	V
Project Location/State: HAMPSTEAD, MD	Lab Project #		O
Sampler: Greg Flasinski 610.721.0583	Lab PM: Dick Wright		A

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
1		Trip Blank	11/2/17	600	2	W	X	
2		RFW-2A		1035	3		X	
3		RFW-2B		1115			X	
4		RFW-1A		1210			X	
5		RFW-1B		1300			X	
6		RFW-7		1355			X	
7		RFW-17		1440			X	
8		RFW-6		1540			X	
9		RFW-3B		1630			X	

500-136805 COC

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
	Weston	11/3/17	1600		TALE	11/4/17	1105
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
Shipped: FX SATURday
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:
Address:
Address:
Phone:
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-136805

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler: 23

Client: Weston | Client Project #: | Preservative: HCl

Project Name: Black + Decker | Parameter: VOA

Project Location/State: Hampstead, MD | Lab Project #:

Sampler: Greg Flasinski | 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	VOA	Comments
10		RFW-13	11/3/17	820	3	W	X	
11		RFW-11B		915				
12		RFW-9		1105				
13		RFW-4A		1205				
14		RFW-4A Dup		1205				
15		RFW-4B		1230				
16		RFW-12B	—	1330				

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
	Weston	11/3/17	1600		TALHE	11/4/17	1105

Lab Courier:
Shipped: FX SATURDAY
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124 (0901/2007)

11/20/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

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

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

Chain of Custody Record

Lab Job #: 500-136805
Chain of Custody Number:
Page 3 of 3
Temperature °C of Cooler: 23

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

Preservative: HCl
Parameter: VOA

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOA	Comments
17		EW-2	11/3/17	1345	3	W	X	
18		EW-3		855			X	
19		EW-5		945			X	
20		EW-6	11/2/17	1710			X	
21		EW-7		1700			X	
22		EW-8		1655			X	
23		EW-9		1650			X	
24		EW-9 Dup		1650			X	
25		EW-10		1640			X	

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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 3 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
	Weston	11/3/17	1600	David Samely	TALHS	11/4/17	1105
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
Shipped: FX Saturday
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124-503 (0208) 11/20/2017

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 500-136805-1

Login Number: 136805
List Number: 1
Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3
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").	False	Refer to Job Narrative for details.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

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

TestAmerica Job ID: 680-145179-1
Client Project/Site: Black & Decker

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

Attn: Greg Flasinski

Authorized for release by:
11/17/2017 8:27:14 AM

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

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Black & Decker

Report Number: 680-145179-1

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

RECEIPT

The samples were received on 11/04/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.6 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples Trip Blank (680-145179-1), RFW-20 (680-145179-2), RFW-21 (680-145179-3), HAMP-22 (680-145179-4) and HAMP-23 (680-145179-5) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 11/13/2017 and 11/14/2017.

1,2,3-Trichlorobenzene was detected in method blank MB 680-502353/9 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

The low level laboratory control sample (LLCS) for analytical batch 680-502512 recovered outside the upper control limits for the following analytes: bromoform. This analyte was biased high in the LLCS and was not detected in the associated samples; therefore, the data have been reported.

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

Sample Summary

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

TestAmerica Job ID: 680-145179-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-145179-1	Trip Blank	Water	11/02/17 07:00	11/04/17 09:59
680-145179-2	RFW-20	Water	11/02/17 09:30	11/04/17 09:59
680-145179-3	RFW-21	Water	11/02/17 08:40	11/04/17 09:59
680-145179-4	HAMP-22	Water	11/03/17 10:05	11/04/17 09:59
680-145179-5	HAMP-23	Water	11/03/17 10:10	11/04/17 09:59

Method Summary

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

TestAmerica Job ID: 680-145179-1

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: 680-145179-1

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: Trip Blank

Date Collected: 11/02/17 07:00
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/14/17 19:39	1
Benzene	<0.50		0.50	0.082	ug/L			11/14/17 19:39	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/14/17 19:39	1
Bromoform	<0.50	*	0.50	0.17	ug/L			11/14/17 19:39	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/14/17 19:39	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/14/17 19:39	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/14/17 19:39	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/14/17 19:39	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/14/17 19:39	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/14/17 19:39	1
Chloroform	<0.50		0.50	0.20	ug/L			11/14/17 19:39	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/14/17 19:39	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/14/17 19:39	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/14/17 19:39	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/14/17 19:39	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/14/17 19:39	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/14/17 19:39	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/14/17 19:39	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/14/17 19:39	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/14/17 19:39	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/14/17 19:39	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/14/17 19:39	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/14/17 19:39	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/14/17 19:39	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/14/17 19:39	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/14/17 19:39	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/14/17 19:39	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/14/17 19:39	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/14/17 19:39	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/14/17 19:39	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/14/17 19:39	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/14/17 19:39	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/14/17 19:39	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/14/17 19:39	1
Freon 113	<0.50		0.50	0.15	ug/L			11/14/17 19:39	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/14/17 19:39	1
2-Hexanone	<10		10	5.0	ug/L			11/14/17 19:39	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/14/17 19:39	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/14/17 19:39	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/14/17 19:39	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/14/17 19:39	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/14/17 19:39	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/14/17 19:39	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/14/17 19:39	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/14/17 19:39	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/14/17 19:39	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/14/17 19:39	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/14/17 19:39	1
Styrene	<0.50		0.50	0.089	ug/L			11/14/17 19:39	1

Client Sample ID: Trip Blank

Date Collected: 11/02/17 07:00
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-1

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			11/14/17 19:39	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/14/17 19:39	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/14/17 19:39	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/14/17 19:39	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/14/17 19:39	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/14/17 19:39	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/14/17 19:39	1
Toluene	<0.50		0.50	0.086	ug/L			11/14/17 19:39	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/14/17 19:39	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/14/17 19:39	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/14/17 19:39	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/14/17 19:39	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/14/17 19:39	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/14/17 19:39	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/14/17 19:39	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/14/17 19:39	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/14/17 19:39	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/14/17 19:39	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/14/17 19:39	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/14/17 19:39	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/14/17 19:39	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/14/17 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*70 - 130*		*11/14/17 19:39*	*1*
1,2-Dichlorobenzene-d4	*100*		*70 - 130*		*11/14/17 19:39*	*1*

Client Sample ID: RFW-20

Date Collected: 11/02/17 09:30
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/13/17 20:39	1
Benzene	<0.50		0.50	0.082	ug/L			11/13/17 20:39	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/13/17 20:39	1
Bromoform	<0.50		0.50	0.17	ug/L			11/13/17 20:39	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/13/17 20:39	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/13/17 20:39	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 20:39	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/13/17 20:39	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/13/17 20:39	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/13/17 20:39	1
Chloroform	<0.50		0.50	0.20	ug/L			11/13/17 20:39	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/13/17 20:39	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/13/17 20:39	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/13/17 20:39	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 20:39	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/13/17 20:39	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/13/17 20:39	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/13/17 20:39	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/13/17 20:39	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/13/17 20:39	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/13/17 20:39	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/13/17 20:39	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/13/17 20:39	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/13/17 20:39	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/13/17 20:39	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/13/17 20:39	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/13/17 20:39	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/13/17 20:39	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/13/17 20:39	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/13/17 20:39	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/13/17 20:39	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/13/17 20:39	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/13/17 20:39	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/13/17 20:39	1
Freon 113	<0.50		0.50	0.15	ug/L			11/13/17 20:39	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/13/17 20:39	1
2-Hexanone	<10		10	5.0	ug/L			11/13/17 20:39	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/13/17 20:39	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/13/17 20:39	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/13/17 20:39	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/13/17 20:39	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/13/17 20:39	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/13/17 20:39	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/13/17 20:39	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 20:39	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 20:39	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/13/17 20:39	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 20:39	1
Styrene	<0.50		0.50	0.089	ug/L			11/13/17 20:39	1

Client Sample ID: RFW-20
Date Collected: 11/02/17 09:30
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-2
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			11/13/17 20:39	1
tert-Butyl alcohol	2.9	J	10	1.6	ug/L			11/13/17 20:39	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 20:39	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/13/17 20:39	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/13/17 20:39	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/13/17 20:39	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/13/17 20:39	1
Toluene	<0.50		0.50	0.086	ug/L			11/13/17 20:39	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 20:39	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/13/17 20:39	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 20:39	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/13/17 20:39	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/13/17 20:39	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/13/17 20:39	1
Trichloroethene	0.27	J	0.50	0.13	ug/L			11/13/17 20:39	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/13/17 20:39	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/13/17 20:39	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/13/17 20:39	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 20:39	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/13/17 20:39	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/13/17 20:39	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/13/17 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*11/13/17 20:39*	*1*
1,2-Dichlorobenzene-d4	*106*		*70 - 130*		*11/13/17 20:39*	*1*

Client Sample ID: RFW-21

Date Collected: 11/02/17 08:40
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/13/17 21:02	1
Benzene	<0.50		0.50	0.082	ug/L			11/13/17 21:02	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/13/17 21:02	1
Bromoform	<0.50		0.50	0.17	ug/L			11/13/17 21:02	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/13/17 21:02	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/13/17 21:02	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:02	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/13/17 21:02	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/13/17 21:02	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/13/17 21:02	1
Chloroform	<0.50		0.50	0.20	ug/L			11/13/17 21:02	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/13/17 21:02	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/13/17 21:02	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/13/17 21:02	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 21:02	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/13/17 21:02	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/13/17 21:02	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/13/17 21:02	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/13/17 21:02	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/13/17 21:02	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/13/17 21:02	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/13/17 21:02	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/13/17 21:02	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/13/17 21:02	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/13/17 21:02	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/13/17 21:02	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/13/17 21:02	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/13/17 21:02	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/13/17 21:02	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/13/17 21:02	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/13/17 21:02	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/13/17 21:02	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/13/17 21:02	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/13/17 21:02	1
Freon 113	<0.50		0.50	0.15	ug/L			11/13/17 21:02	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/13/17 21:02	1
2-Hexanone	<10		10	5.0	ug/L			11/13/17 21:02	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/13/17 21:02	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/13/17 21:02	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/13/17 21:02	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/13/17 21:02	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/13/17 21:02	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/13/17 21:02	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/13/17 21:02	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:02	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:02	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/13/17 21:02	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:02	1
Styrene	<0.50		0.50	0.089	ug/L			11/13/17 21:02	1

Client Sample ID: RFW-21
Date Collected: 11/02/17 08:40
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/13/17 21:02	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/13/17 21:02	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:02	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/13/17 21:02	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/13/17 21:02	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/13/17 21:02	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/13/17 21:02	1
Toluene	<0.50		0.50	0.086	ug/L			11/13/17 21:02	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 21:02	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/13/17 21:02	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:02	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/13/17 21:02	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/13/17 21:02	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/13/17 21:02	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/13/17 21:02	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/13/17 21:02	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/13/17 21:02	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/13/17 21:02	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:02	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/13/17 21:02	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/13/17 21:02	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/13/17 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*11/13/17 21:02*	*1*
1,2-Dichlorobenzene-d4	*102*		*70 - 130*		*11/13/17 21:02*	*1*

Client Sample ID: HAMP-22

Date Collected: 11/03/17 10:05
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/13/17 21:24	1
Benzene	<0.50		0.50	0.082	ug/L			11/13/17 21:24	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/13/17 21:24	1
Bromoform	<0.50		0.50	0.17	ug/L			11/13/17 21:24	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/13/17 21:24	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/13/17 21:24	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:24	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/13/17 21:24	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/13/17 21:24	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/13/17 21:24	1
Chloroform	0.22	J	0.50	0.20	ug/L			11/13/17 21:24	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/13/17 21:24	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/13/17 21:24	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/13/17 21:24	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 21:24	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/13/17 21:24	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/13/17 21:24	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/13/17 21:24	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/13/17 21:24	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/13/17 21:24	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/13/17 21:24	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/13/17 21:24	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/13/17 21:24	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/13/17 21:24	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/13/17 21:24	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/13/17 21:24	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/13/17 21:24	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/13/17 21:24	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/13/17 21:24	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/13/17 21:24	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/13/17 21:24	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/13/17 21:24	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/13/17 21:24	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/13/17 21:24	1
Freon 113	<0.50		0.50	0.15	ug/L			11/13/17 21:24	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/13/17 21:24	1
2-Hexanone	<10		10	5.0	ug/L			11/13/17 21:24	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/13/17 21:24	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/13/17 21:24	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/13/17 21:24	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/13/17 21:24	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/13/17 21:24	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/13/17 21:24	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/13/17 21:24	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:24	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:24	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/13/17 21:24	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:24	1
Styrene	<0.50		0.50	0.089	ug/L			11/13/17 21:24	1

Client Sample ID: HAMP-22
Date Collected: 11/03/17 10:05
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/13/17 21:24	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/13/17 21:24	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:24	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/13/17 21:24	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/13/17 21:24	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/13/17 21:24	1
Tetrachloroethene	0.52		0.50	0.18	ug/L			11/13/17 21:24	1
Toluene	<0.50		0.50	0.086	ug/L			11/13/17 21:24	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 21:24	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/13/17 21:24	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:24	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/13/17 21:24	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/13/17 21:24	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/13/17 21:24	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/13/17 21:24	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/13/17 21:24	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/13/17 21:24	1
Trihalomethanes, Total	0.22	J	0.50	0.079	ug/L			11/13/17 21:24	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:24	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/13/17 21:24	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/13/17 21:24	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/13/17 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*11/13/17 21:24*	*1*
1,2-Dichlorobenzene-d4	*105*		*70 - 130*		*11/13/17 21:24*	*1*

Client Sample ID: HAMP-23

Date Collected: 11/03/17 10:10
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/13/17 21:47	1
Benzene	<0.50		0.50	0.082	ug/L			11/13/17 21:47	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/13/17 21:47	1
Bromoform	<0.50		0.50	0.17	ug/L			11/13/17 21:47	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/13/17 21:47	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/13/17 21:47	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:47	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/13/17 21:47	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/13/17 21:47	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/13/17 21:47	1
Chloroform	<0.50		0.50	0.20	ug/L			11/13/17 21:47	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/13/17 21:47	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/13/17 21:47	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/13/17 21:47	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 21:47	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/13/17 21:47	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/13/17 21:47	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/13/17 21:47	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/13/17 21:47	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/13/17 21:47	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/13/17 21:47	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/13/17 21:47	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/13/17 21:47	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/13/17 21:47	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/13/17 21:47	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/13/17 21:47	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/13/17 21:47	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/13/17 21:47	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/13/17 21:47	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/13/17 21:47	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/13/17 21:47	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/13/17 21:47	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/13/17 21:47	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/13/17 21:47	1
Freon 113	<0.50		0.50	0.15	ug/L			11/13/17 21:47	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/13/17 21:47	1
2-Hexanone	<10		10	5.0	ug/L			11/13/17 21:47	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/13/17 21:47	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/13/17 21:47	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/13/17 21:47	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/13/17 21:47	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/13/17 21:47	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/13/17 21:47	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/13/17 21:47	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:47	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:47	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/13/17 21:47	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:47	1
Styrene	<0.50		0.50	0.089	ug/L			11/13/17 21:47	1

Client Sample ID: HAMP-23

Date Collected: 11/03/17 10:10
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/13/17 21:47	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/13/17 21:47	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:47	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/13/17 21:47	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/13/17 21:47	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/13/17 21:47	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/13/17 21:47	1
Toluene	<0.50		0.50	0.086	ug/L			11/13/17 21:47	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 21:47	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/13/17 21:47	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 21:47	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/13/17 21:47	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/13/17 21:47	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/13/17 21:47	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/13/17 21:47	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/13/17 21:47	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/13/17 21:47	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/13/17 21:47	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 21:47	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/13/17 21:47	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/13/17 21:47	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/13/17 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*11/13/17 21:47*	*1*
1,2-Dichlorobenzene-d4	*104*		*70 - 130*		*11/13/17 21:47*	*1*

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

Lab Sample ID: MB 680-502353/9
Matrix: Water
Analysis Batch: 502353

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/13/17 15:10	1
Benzene	<0.50		0.50	0.082	ug/L			11/13/17 15:10	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/13/17 15:10	1
Bromoform	<0.50		0.50	0.17	ug/L			11/13/17 15:10	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/13/17 15:10	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/13/17 15:10	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/13/17 15:10	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/13/17 15:10	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/13/17 15:10	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/13/17 15:10	1
Chloroform	<0.50		0.50	0.20	ug/L			11/13/17 15:10	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/13/17 15:10	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/13/17 15:10	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/13/17 15:10	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 15:10	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/13/17 15:10	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/13/17 15:10	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/13/17 15:10	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/13/17 15:10	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/13/17 15:10	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/13/17 15:10	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/13/17 15:10	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/13/17 15:10	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/13/17 15:10	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/13/17 15:10	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/13/17 15:10	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/13/17 15:10	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/13/17 15:10	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/13/17 15:10	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/13/17 15:10	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/13/17 15:10	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/13/17 15:10	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/13/17 15:10	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/13/17 15:10	1
Freon 113	<0.50		0.50	0.15	ug/L			11/13/17 15:10	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/13/17 15:10	1
2-Hexanone	<10		10	5.0	ug/L			11/13/17 15:10	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/13/17 15:10	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/13/17 15:10	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/13/17 15:10	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/13/17 15:10	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/13/17 15:10	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/13/17 15:10	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/13/17 15:10	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 15:10	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 15:10	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/13/17 15:10	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 15:10	1

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

Lab Sample ID: MB 680-502353/9
Matrix: Water
Analysis Batch: 502353

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.50		0.50	0.089	ug/L			11/13/17 15:10	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/13/17 15:10	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/13/17 15:10	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/13/17 15:10	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/13/17 15:10	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/13/17 15:10	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/13/17 15:10	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/13/17 15:10	1
Toluene	<0.50		0.50	0.086	ug/L			11/13/17 15:10	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/13/17 15:10	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/13/17 15:10	1
1,2,3-Trichlorobenzene	0.238	J	0.50	0.14	ug/L			11/13/17 15:10	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/13/17 15:10	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/13/17 15:10	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/13/17 15:10	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/13/17 15:10	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/13/17 15:10	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/13/17 15:10	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/13/17 15:10	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/13/17 15:10	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/13/17 15:10	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/13/17 15:10	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/13/17 15:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 130*		*11/13/17 15:10*	*1*
1,2-Dichlorobenzene-d4	*108*		*70 - 130*		*11/13/17 15:10*	*1*

Lab Sample ID: LCS 680-502353/3
Matrix: Water
Analysis Batch: 502353

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	107		ug/L		107	70 - 130
Benzene	20.0	19.5		ug/L		98	70 - 130
Bromobenzene	20.0	20.3		ug/L		102	70 - 130
Bromoform	20.0	19.8		ug/L		99	70 - 130
Bromomethane	20.0	20.6		ug/L		103	70 - 130
Carbon tetrachloride	20.0	20.4		ug/L		102	70 - 130
Chlorobenzene	20.0	19.7		ug/L		99	70 - 130
Chlorobromomethane	20.0	19.9		ug/L		99	70 - 130
Chlorodibromomethane	20.0	20.6		ug/L		103	70 - 130
Chloroethane	20.0	21.2		ug/L		106	70 - 130
Chloroform	20.0	19.9		ug/L		99	70 - 130
Chloromethane	20.0	21.1		ug/L		106	70 - 130
2-Chlorotoluene	20.0	20.8		ug/L		104	70 - 130
4-Chlorotoluene	20.0	20.8		ug/L		104	70 - 130
cis-1,2-Dichloroethene	20.0	21.7		ug/L		108	70 - 130

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

Lab Sample ID: LCS 680-502353/3
Matrix: Water
Analysis Batch: 502353

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	21.5		ug/L		107	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	20.4		ug/L		102	70 - 130
Dibromomethane	20.0	19.5		ug/L		97	70 - 130
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	70 - 130
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	70 - 130
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130
Dichlorobromomethane	20.0	19.8		ug/L		99	70 - 130
Dichlorodifluoromethane	20.0	21.9		ug/L		109	70 - 130
1,1-Dichloroethane	20.0	21.4		ug/L		107	70 - 130
1,2-Dichloroethane	20.0	18.0		ug/L		90	70 - 130
1,1-Dichloroethene	20.0	21.6		ug/L		108	70 - 130
1,2-Dichloropropane	20.0	20.7		ug/L		103	70 - 130
1,3-Dichloropropane	20.0	19.1		ug/L		96	70 - 130
2,2-Dichloropropane	20.0	22.0		ug/L		110	70 - 130
1,1-Dichloropropene	20.0	20.5		ug/L		103	70 - 130
1,3-Dichloropropene, Total	40.0	42.7		ug/L		107	70 - 130
Diisopropyl ether	20.0	22.0		ug/L		110	70 - 130
Ethylbenzene	20.0	20.8		ug/L		104	70 - 130
Ethylene Dibromide	20.0	19.0		ug/L		95	70 - 130
Freon 113	20.0	22.0		ug/L		110	70 - 130
Hexachlorobutadiene	20.0	22.5		ug/L		113	70 - 130
2-Hexanone	100	106		ug/L		106	70 - 130
Isopropylbenzene	20.0	21.1		ug/L		105	70 - 130
4-Isopropyltoluene	20.0	21.8		ug/L		109	70 - 130
Methylene Chloride	20.0	20.3		ug/L		101	70 - 130
2-Butanone (MEK)	100	94.2		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	70 - 130
m-Xylene & p-Xylene	20.0	21.3		ug/L		107	70 - 130
Naphthalene	20.0	21.3		ug/L		107	70 - 130
n-Butylbenzene	20.0	23.5		ug/L		117	70 - 130
N-Propylbenzene	20.0	21.4		ug/L		107	70 - 130
o-Xylene	20.0	20.9		ug/L		104	70 - 130
sec-Butylbenzene	20.0	21.4		ug/L		107	70 - 130
Styrene	20.0	20.8		ug/L		104	70 - 130
Tert-amyl methyl ether	20.0	20.2		ug/L		101	70 - 130
tert-Butyl alcohol	200	190		ug/L		95	70 - 130
tert-Butylbenzene	20.0	21.2		ug/L		106	70 - 130
Tert-butyl ethyl ether	20.0	21.0		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	20.0	20.1		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		100	70 - 130
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 130
Toluene	20.0	19.5		ug/L		97	70 - 130
trans-1,2-Dichloroethene	20.0	21.3		ug/L		107	70 - 130
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	70 - 130
1,2,3-Trichlorobenzene	20.0	22.3		ug/L		111	70 - 130
1,2,4-Trichlorobenzene	20.0	22.6		ug/L		113	70 - 130
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	70 - 130
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	70 - 130

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

Lab Sample ID: LCS 680-502353/3
Matrix: Water
Analysis Batch: 502353

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	20.2		ug/L		101	70 - 130
Trichlorofluoromethane	20.0	22.8		ug/L		114	70 - 130
1,2,3-Trichloropropane	20.0	20.5		ug/L		102	70 - 130
Trihalomethanes, Total	80.0	80.1		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	20.0	21.1		ug/L		106	70 - 130
1,3,5-Trimethylbenzene	20.0	21.1		ug/L		105	70 - 130
Vinyl chloride	20.0	22.8		ug/L		114	70 - 130
Xylenes, Total	40.0	42.2		ug/L		105	70 - 130

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

Lab Sample ID: LCSD 680-502353/4
Matrix: Water
Analysis Batch: 502353

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	107		ug/L		107	70 - 130	0	30
Benzene	20.0	19.6		ug/L		98	70 - 130	0	30
Bromobenzene	20.0	20.1		ug/L		101	70 - 130	1	30
Bromoform	20.0	19.3		ug/L		97	70 - 130	3	30
Bromomethane	20.0	19.5		ug/L		98	70 - 130	5	30
Carbon tetrachloride	20.0	20.4		ug/L		102	70 - 130	0	30
Chlorobenzene	20.0	19.7		ug/L		99	70 - 130	0	30
Chlorobromomethane	20.0	19.4		ug/L		97	70 - 130	3	30
Chlorodibromomethane	20.0	19.8		ug/L		99	70 - 130	4	30
Chloroethane	20.0	20.8		ug/L		104	70 - 130	2	30
Chloroform	20.0	19.5		ug/L		98	70 - 130	2	30
Chloromethane	20.0	20.9		ug/L		104	70 - 130	1	30
2-Chlorotoluene	20.0	20.2		ug/L		101	70 - 130	3	30
4-Chlorotoluene	20.0	20.2		ug/L		101	70 - 130	3	30
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	70 - 130	2	30
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	20.4		ug/L		102	70 - 130	0	30
Dibromomethane	20.0	19.5		ug/L		98	70 - 130	0	30
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130	2	30
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	70 - 130	3	30
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	70 - 130	2	30
Dichlorobromomethane	20.0	20.0		ug/L		100	70 - 130	1	30
Dichlorodifluoromethane	20.0	20.6		ug/L		103	70 - 130	6	30
1,1-Dichloroethane	20.0	20.9		ug/L		104	70 - 130	2	30
1,2-Dichloroethane	20.0	18.1		ug/L		91	70 - 130	1	30
1,1-Dichloroethene	20.0	20.4		ug/L		102	70 - 130	6	30
1,2-Dichloropropane	20.0	20.5		ug/L		102	70 - 130	1	30
1,3-Dichloropropane	20.0	19.8		ug/L		99	70 - 130	3	30
2,2-Dichloropropane	20.0	21.4		ug/L		107	70 - 130	3	30
1,1-Dichloropropene	20.0	20.4		ug/L		102	70 - 130	1	30

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

Lab Sample ID: LCSD 680-502353/4
Matrix: Water
Analysis Batch: 502353

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	42.6		ug/L		106	70 - 130	0	30
Diisopropyl ether	20.0	21.6		ug/L		108	70 - 130	2	30
Ethylbenzene	20.0	20.2		ug/L		101	70 - 130	3	30
Ethylene Dibromide	20.0	19.6		ug/L		98	70 - 130	3	30
Freon 113	20.0	21.0		ug/L		105	70 - 130	5	30
Hexachlorobutadiene	20.0	22.4		ug/L		112	70 - 130	1	30
2-Hexanone	100	103		ug/L		103	70 - 130	3	30
Isopropylbenzene	20.0	20.4		ug/L		102	70 - 130	4	30
4-Isopropyltoluene	20.0	20.9		ug/L		105	70 - 130	4	30
Methylene Chloride	20.0	19.6		ug/L		98	70 - 130	3	30
2-Butanone (MEK)	100	96.6		ug/L		97	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	70 - 130	1	30
m-Xylene & p-Xylene	20.0	20.6		ug/L		103	70 - 130	4	30
Naphthalene	20.0	21.5		ug/L		108	70 - 130	1	30
n-Butylbenzene	20.0	22.6		ug/L		113	70 - 130	4	30
N-Propylbenzene	20.0	20.7		ug/L		103	70 - 130	4	30
o-Xylene	20.0	20.5		ug/L		102	70 - 130	2	30
sec-Butylbenzene	20.0	20.8		ug/L		104	70 - 130	3	30
Styrene	20.0	20.4		ug/L		102	70 - 130	2	30
Tert-amyl methyl ether	20.0	19.8		ug/L		99	70 - 130	2	30
tert-Butyl alcohol	200	194		ug/L		97	70 - 130	2	30
tert-Butylbenzene	20.0	20.4		ug/L		102	70 - 130	4	30
Tert-butyl ethyl ether	20.0	20.2		ug/L		101	70 - 130	4	30
1,1,1,2-Tetrachloroethane	20.0	19.8		ug/L		99	70 - 130	1	30
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		99	70 - 130	2	30
Tetrachloroethene	20.0	20.3		ug/L		102	70 - 130	2	30
Toluene	20.0	19.9		ug/L		100	70 - 130	2	30
trans-1,2-Dichloroethene	20.0	20.7		ug/L		103	70 - 130	3	30
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	70 - 130	0	30
1,2,3-Trichlorobenzene	20.0	22.4		ug/L		112	70 - 130	1	30
1,2,4-Trichlorobenzene	20.0	21.8		ug/L		109	70 - 130	4	30
1,1,1-Trichloroethane	20.0	19.7		ug/L		99	70 - 130	1	30
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	70 - 130	2	30
Trichloroethene	20.0	20.2		ug/L		101	70 - 130	0	30
Trichlorofluoromethane	20.0	21.7		ug/L		108	70 - 130	5	30
1,2,3-Trichloropropane	20.0	20.0		ug/L		100	70 - 130	3	30
Trihalomethanes, Total	80.0	78.6		ug/L		98	70 - 130	2	30
1,2,4-Trimethylbenzene	20.0	20.2		ug/L		101	70 - 130	5	30
1,3,5-Trimethylbenzene	20.0	20.6		ug/L		103	70 - 130	2	30
Vinyl chloride	20.0	21.9		ug/L		110	70 - 130	4	30
Xylenes, Total	40.0	41.1		ug/L		103	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 130*
1,2-Dichlorobenzene-d4	*100*		*70 - 130*

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

Lab Sample ID: MB 680-502512/10
Matrix: Water
Analysis Batch: 502512

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<10		10	5.0	ug/L			11/14/17 18:49	1
Benzene	<0.50		0.50	0.082	ug/L			11/14/17 18:49	1
Bromobenzene	<0.50		0.50	0.091	ug/L			11/14/17 18:49	1
Bromoform	<0.50		0.50	0.17	ug/L			11/14/17 18:49	1
Bromomethane	<1.0		1.0	0.20	ug/L			11/14/17 18:49	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			11/14/17 18:49	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			11/14/17 18:49	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			11/14/17 18:49	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			11/14/17 18:49	1
Chloroethane	<1.0		1.0	0.22	ug/L			11/14/17 18:49	1
Chloroform	<0.50		0.50	0.20	ug/L			11/14/17 18:49	1
Chloromethane	<0.50		0.50	0.15	ug/L			11/14/17 18:49	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			11/14/17 18:49	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			11/14/17 18:49	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/14/17 18:49	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			11/14/17 18:49	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			11/14/17 18:49	1
Dibromomethane	<0.50		0.50	0.16	ug/L			11/14/17 18:49	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			11/14/17 18:49	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			11/14/17 18:49	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			11/14/17 18:49	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			11/14/17 18:49	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			11/14/17 18:49	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			11/14/17 18:49	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			11/14/17 18:49	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			11/14/17 18:49	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			11/14/17 18:49	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			11/14/17 18:49	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			11/14/17 18:49	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			11/14/17 18:49	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			11/14/17 18:49	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			11/14/17 18:49	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			11/14/17 18:49	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			11/14/17 18:49	1
Freon 113	<0.50		0.50	0.15	ug/L			11/14/17 18:49	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			11/14/17 18:49	1
2-Hexanone	<10		10	5.0	ug/L			11/14/17 18:49	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			11/14/17 18:49	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			11/14/17 18:49	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			11/14/17 18:49	1
2-Butanone (MEK)	<10		10	5.0	ug/L			11/14/17 18:49	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			11/14/17 18:49	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			11/14/17 18:49	1
Naphthalene	<1.0		1.0	0.43	ug/L			11/14/17 18:49	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			11/14/17 18:49	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			11/14/17 18:49	1
o-Xylene	<0.50		0.50	0.086	ug/L			11/14/17 18:49	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			11/14/17 18:49	1

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

Lab Sample ID: MB 680-502512/10
Matrix: Water
Analysis Batch: 502512

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.50		0.50	0.089	ug/L			11/14/17 18:49	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			11/14/17 18:49	1
tert-Butyl alcohol	<10		10	1.6	ug/L			11/14/17 18:49	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			11/14/17 18:49	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			11/14/17 18:49	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			11/14/17 18:49	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			11/14/17 18:49	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			11/14/17 18:49	1
Toluene	<0.50		0.50	0.086	ug/L			11/14/17 18:49	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			11/14/17 18:49	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			11/14/17 18:49	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			11/14/17 18:49	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			11/14/17 18:49	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			11/14/17 18:49	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			11/14/17 18:49	1
Trichloroethene	<0.50		0.50	0.13	ug/L			11/14/17 18:49	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			11/14/17 18:49	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			11/14/17 18:49	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			11/14/17 18:49	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			11/14/17 18:49	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			11/14/17 18:49	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			11/14/17 18:49	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			11/14/17 18:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*11/14/17 18:49*	*1*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*		*11/14/17 18:49*	*1*

Lab Sample ID: LCS 680-502512/4
Matrix: Water
Analysis Batch: 502512

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	115		ug/L		115	70 - 130
Benzene	20.0	18.7		ug/L		94	70 - 130
Bromobenzene	20.0	19.1		ug/L		96	70 - 130
Bromoform	20.0	22.4		ug/L		112	70 - 130
Bromomethane	20.0	14.7		ug/L		73	70 - 130
Carbon tetrachloride	20.0	20.5		ug/L		103	70 - 130
Chlorobenzene	20.0	19.8		ug/L		99	70 - 130
Chlorobromomethane	20.0	20.4		ug/L		102	70 - 130
Chlorodibromomethane	20.0	19.8		ug/L		99	70 - 130
Chloroethane	20.0	21.5		ug/L		107	70 - 130
Chloroform	20.0	18.3		ug/L		92	70 - 130
Chloromethane	20.0	19.6		ug/L		98	70 - 130
2-Chlorotoluene	20.0	20.2		ug/L		101	70 - 130
4-Chlorotoluene	20.0	20.1		ug/L		101	70 - 130
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130

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

Lab Sample ID: LCS 680-502512/4
Matrix: Water
Analysis Batch: 502512

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	21.6		ug/L		108	70 - 130
Dibromomethane	20.0	19.6		ug/L		98	70 - 130
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130
1,3-Dichlorobenzene	20.0	20.3		ug/L		101	70 - 130
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
Dichlorobromomethane	20.0	19.4		ug/L		97	70 - 130
Dichlorodifluoromethane	20.0	19.7		ug/L		99	70 - 130
1,1-Dichloroethane	20.0	19.4		ug/L		97	70 - 130
1,2-Dichloroethane	20.0	18.5		ug/L		93	70 - 130
1,1-Dichloroethene	20.0	19.9		ug/L		99	70 - 130
1,2-Dichloropropane	20.0	18.9		ug/L		94	70 - 130
1,3-Dichloropropane	20.0	19.5		ug/L		97	70 - 130
2,2-Dichloropropane	20.0	21.1		ug/L		106	70 - 130
1,1-Dichloropropene	20.0	19.2		ug/L		96	70 - 130
1,3-Dichloropropene, Total	40.0	40.5		ug/L		101	70 - 130
Diisopropyl ether	20.0	19.8		ug/L		99	70 - 130
Ethylbenzene	20.0	19.2		ug/L		96	70 - 130
Ethylene Dibromide	20.0	20.4		ug/L		102	70 - 130
Freon 113	20.0	20.8		ug/L		104	70 - 130
Hexachlorobutadiene	20.0	23.3		ug/L		116	70 - 130
2-Hexanone	100	96.4		ug/L		96	70 - 130
Isopropylbenzene	20.0	20.8		ug/L		104	70 - 130
4-Isopropyltoluene	20.0	22.6		ug/L		113	70 - 130
Methylene Chloride	20.0	21.2		ug/L		106	70 - 130
2-Butanone (MEK)	100	116		ug/L		116	70 - 130
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	70 - 130
m-Xylene & p-Xylene	20.0	19.5		ug/L		98	70 - 130
Naphthalene	20.0	19.8		ug/L		99	70 - 130
n-Butylbenzene	20.0	22.0		ug/L		110	70 - 130
N-Propylbenzene	20.0	21.6		ug/L		108	70 - 130
o-Xylene	20.0	19.4		ug/L		97	70 - 130
sec-Butylbenzene	20.0	22.3		ug/L		112	70 - 130
Styrene	20.0	19.7		ug/L		98	70 - 130
Tert-amyl methyl ether	20.0	21.1		ug/L		106	70 - 130
tert-Butyl alcohol	200	239		ug/L		119	70 - 130
tert-Butylbenzene	20.0	21.7		ug/L		109	70 - 130
Tert-butyl ethyl ether	20.0	20.5		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	20.0	19.4		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	70 - 130
Tetrachloroethene	20.0	19.6		ug/L		98	70 - 130
Toluene	20.0	19.9		ug/L		100	70 - 130
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	70 - 130
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	70 - 130
1,2,3-Trichlorobenzene	20.0	21.2		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	20.0	20.6		ug/L		103	70 - 130
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	70 - 130
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	70 - 130

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

Lab Sample ID: LCS 680-502512/4
Matrix: Water
Analysis Batch: 502512

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	20.5		ug/L		103	70 - 130
Trichlorofluoromethane	20.0	19.8		ug/L		99	70 - 130
1,2,3-Trichloropropane	20.0	19.7		ug/L		98	70 - 130
Trihalomethanes, Total	80.0	79.9		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	20.0	21.3		ug/L		107	70 - 130
1,3,5-Trimethylbenzene	20.0	21.5		ug/L		108	70 - 130
Vinyl chloride	20.0	21.1		ug/L		106	70 - 130
Xylenes, Total	40.0	39.0		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*
1,2-Dichlorobenzene-d4	*98*		*70 - 130*

Lab Sample ID: LCSD 680-502512/5
Matrix: Water
Analysis Batch: 502512

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	124		ug/L		124	70 - 130	8	30
Benzene	20.0	18.8		ug/L		94	70 - 130	0	30
Bromobenzene	20.0	19.7		ug/L		99	70 - 130	3	30
Bromoform	20.0	23.2		ug/L		116	70 - 130	3	30
Bromomethane	20.0	15.9		ug/L		79	70 - 130	8	30
Carbon tetrachloride	20.0	20.1		ug/L		101	70 - 130	2	30
Chlorobenzene	20.0	19.9		ug/L		99	70 - 130	0	30
Chlorobromomethane	20.0	21.7		ug/L		109	70 - 130	6	30
Chlorodibromomethane	20.0	20.3		ug/L		102	70 - 130	3	30
Chloroethane	20.0	21.3		ug/L		106	70 - 130	1	30
Chloroform	20.0	18.7		ug/L		93	70 - 130	2	30
Chloromethane	20.0	19.4		ug/L		97	70 - 130	1	30
2-Chlorotoluene	20.0	20.5		ug/L		102	70 - 130	2	30
4-Chlorotoluene	20.0	20.5		ug/L		103	70 - 130	2	30
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	70 - 130	2	30
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	20.0	23.3		ug/L		117	70 - 130	8	30
Dibromomethane	20.0	19.5		ug/L		97	70 - 130	1	30
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	70 - 130	4	30
1,3-Dichlorobenzene	20.0	20.7		ug/L		103	70 - 130	2	30
1,4-Dichlorobenzene	20.0	19.9		ug/L		99	70 - 130	1	30
Dichlorobromomethane	20.0	19.4		ug/L		97	70 - 130	0	30
Dichlorodifluoromethane	20.0	20.0		ug/L		100	70 - 130	1	30
1,1-Dichloroethane	20.0	19.7		ug/L		98	70 - 130	2	30
1,2-Dichloroethane	20.0	18.9		ug/L		94	70 - 130	2	30
1,1-Dichloroethene	20.0	20.2		ug/L		101	70 - 130	2	30
1,2-Dichloropropane	20.0	19.1		ug/L		96	70 - 130	1	30
1,3-Dichloropropane	20.0	19.4		ug/L		97	70 - 130	0	30
2,2-Dichloropropane	20.0	21.6		ug/L		108	70 - 130	2	30
1,1-Dichloropropene	20.0	18.9		ug/L		95	70 - 130	1	30

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

Lab Sample ID: LCSD 680-502512/5
Matrix: Water
Analysis Batch: 502512

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropene, Total	40.0	40.5		ug/L		101	70 - 130	0	30
Diisopropyl ether	20.0	20.7		ug/L		103	70 - 130	4	30
Ethylbenzene	20.0	19.6		ug/L		98	70 - 130	2	30
Ethylene Dibromide	20.0	20.6		ug/L		103	70 - 130	1	30
Freon 113	20.0	21.4		ug/L		107	70 - 130	3	30
Hexachlorobutadiene	20.0	23.7		ug/L		118	70 - 130	2	30
2-Hexanone	100	100		ug/L		100	70 - 130	4	30
Isopropylbenzene	20.0	21.2		ug/L		106	70 - 130	2	30
4-Isopropyltoluene	20.0	22.6		ug/L		113	70 - 130	0	30
Methylene Chloride	20.0	22.0		ug/L		110	70 - 130	4	30
2-Butanone (MEK)	100	123		ug/L		123	70 - 130	6	30
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	70 - 130	0	30
m-Xylene & p-Xylene	20.0	19.9		ug/L		99	70 - 130	2	30
Naphthalene	20.0	22.2		ug/L		111	70 - 130	11	30
n-Butylbenzene	20.0	22.1		ug/L		110	70 - 130	0	30
N-Propylbenzene	20.0	21.8		ug/L		109	70 - 130	1	30
o-Xylene	20.0	19.8		ug/L		99	70 - 130	2	30
sec-Butylbenzene	20.0	22.5		ug/L		113	70 - 130	1	30
Styrene	20.0	20.4		ug/L		102	70 - 130	3	30
Tert-amyl methyl ether	20.0	21.8		ug/L		109	70 - 130	3	30
tert-Butyl alcohol	200	248		ug/L		124	70 - 130	4	30
tert-Butylbenzene	20.0	22.0		ug/L		110	70 - 130	1	30
Tert-butyl ethyl ether	20.0	21.1		ug/L		106	70 - 130	3	30
1,1,1,2-Tetrachloroethane	20.0	20.0		ug/L		100	70 - 130	3	30
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		99	70 - 130	4	30
Tetrachloroethene	20.0	20.1		ug/L		100	70 - 130	2	30
Toluene	20.0	19.8		ug/L		99	70 - 130	0	30
trans-1,2-Dichloroethene	20.0	20.9		ug/L		105	70 - 130	2	30
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130	0	30
1,2,3-Trichlorobenzene	20.0	22.7		ug/L		114	70 - 130	7	30
1,2,4-Trichlorobenzene	20.0	21.4		ug/L		107	70 - 130	4	30
1,1,1-Trichloroethane	20.0	19.3		ug/L		96	70 - 130	1	30
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	70 - 130	1	30
Trichloroethene	20.0	20.3		ug/L		102	70 - 130	1	30
Trichlorofluoromethane	20.0	20.3		ug/L		102	70 - 130	2	30
1,2,3-Trichloropropane	20.0	20.4		ug/L		102	70 - 130	4	30
Trihalomethanes, Total	80.0	81.6		ug/L		102	70 - 130	2	30
1,2,4-Trimethylbenzene	20.0	21.7		ug/L		108	70 - 130	2	30
1,3,5-Trimethylbenzene	20.0	21.6		ug/L		108	70 - 130	0	30
Vinyl chloride	20.0	21.4		ug/L		107	70 - 130	1	30
Xylenes, Total	40.0	39.7		ug/L		99	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*
1,2-Dichlorobenzene-d4	*98*		*70 - 130*

QC Association Summary

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

TestAmerica Job ID: 680-145179-1

GC/MS VOA

Analysis Batch: 502353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-145179-2	RFW-20	Total/NA	Water	524.2	
680-145179-3	RFW-21	Total/NA	Water	524.2	
680-145179-4	HAMP-22	Total/NA	Water	524.2	
680-145179-5	HAMP-23	Total/NA	Water	524.2	
MB 680-502353/9	Method Blank	Total/NA	Water	524.2	
LCS 680-502353/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-502353/4	Lab Control Sample Dup	Total/NA	Water	524.2	

Analysis Batch: 502512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-145179-1	Trip Blank	Total/NA	Water	524.2	
MB 680-502512/10	Method Blank	Total/NA	Water	524.2	
LCS 680-502512/4	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-502512/5	Lab Control Sample Dup	Total/NA	Water	524.2	

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Client Sample ID: Trip Blank

Date Collected: 11/02/17 07:00
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-1
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	502512	11/14/17 19:39	DAS	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: RFW-20

Date Collected: 11/02/17 09:30
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-2
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	502353	11/13/17 20:39	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: RFW-21

Date Collected: 11/02/17 08:40
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-3
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	502353	11/13/17 21:02	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-22

Date Collected: 11/03/17 10:05
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-4
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	502353	11/13/17 21:24	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-23

Date Collected: 11/03/17 10:10
Date Received: 11/04/17 09:59

Lab Sample ID: 680-145179-5
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	502353	11/13/17 21:47	DAS	TAL SAV
	Instrument ID: CMSS									

Laboratory References:

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

TestAmerica Savannah

5102 LaRoche Avenue
Suite C-10
Savannah, GA 31404
Phone: 912.354.7858 Fax:

681-Atlanta

Chain of Custody Record

220084

TestAmerica

TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other

TAL-8210 (0713)

Client Contact	Project Manager: Lisa Harvey	Site Contact:	Date:	COC No:
Company Name: Weston Solutions	Tel/Fax:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 1410 Weston Way	Analysis Turnaround Time			Sampler:
City/State/Zip: Wchester PA 19380	CALENDAR DAYS / WORKING DAYS			For Lab Use Only:
Phone: 610.701.0583	TAT if different from Below			Walk-in Client:
Fax:	2 weeks			Lab Sampling:
Project Name: Black + Decker	1 week			Job / SDG No:
Site: Hampstead MD	2 days			
PO #:	1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	524.2	Sample Specific Notes
Trip Blank	11/2/17	700	G	W	2	N		X	
RFW-20		930			3			X	
RFW-21		840			3			X	
HAMP-22	11/3/17	1005			3			X	
HAMP-23		1010			3			X	

SDG: 45179 Chain of Custody

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

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposal by Lab Archive for Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: Yes No	Custody Seal No:	Cooler Temp. (°C): Obs'd _____ Corr'd _____	Therm ID No:
Relinquished by:	Company: Weston Solution	Date/Time: 11/3/17 1600	Received by: Fed Ex
Relinquished by:	Company:	Date/Time:	Received by:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: MK

Company	Date/Time
TAL SAV	11/4/17 950

0.3°C (IR) 0.8

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11/17/2017

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-145179-1

Login Number: 145179
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: 680-145179-1

Laboratory: TestAmerica Savannah

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

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

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