ANNUAL REPORT

Prepared for

STANLEY BLACK & DECKER (U.S.), INC.

Hampstead, Maryland

July 2016

Prepared by

WESTON SOLUTIONS, INC.

West Chester, Pennsylvania 19380-1499

W.O. No. 02501.004.005.0001

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1. INTRODUCTION

This Annual Report has been prepared to meet the requirements of Condition IV.L 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) and the Addendum to Administrative Consent Order dated 29 June 1995. Specifically, Condition IV.L calls for preparation of an Annual Report containing a summary of the information contained in the Discharge Monitoring Reports (Table 2-3), a summary of all analyses of water samples (Tables 2-4 to 2-7), an explanation of all problems encountered and the manner in which they were resolved (Table 3-1), a performance evaluation of the treatment system (Section 4), and recommendations for continuation of, or changes to, the treatment system (Section 5). This document is one of several that 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 & Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of July 2015 through June 2016.

Pumping records showing the total gallons pumped per month of treatment system operation are presented in Table 2-1. Copies of the Withdrawal Reports, for the periods of April through June 2016, are included in Appendix A.

Water levels (Water Level Monitoring Report) for wells included in the water level monitoring plan are presented in Table 2-2. Based on the June 2016 water levels, a representative groundwater elevation contour map under pumping conditions is presented in Figure 2-1. At the time the data were collected, the extraction wells were pumping at a combined rate of approximately 168 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 April 2016 through June 2016 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July 2015 through June 2016, approximately 43.8 pounds (lbs) of total volatile organic compounds (VOCs) were removed from the groundwater by the extraction and treatment system. In general, the total VOCs were comprised of trichlororethene (TCE) (68.9%) and tetrachloroethene (PCE) (31.1%). Analytical results for the air stripper discharge for the period of April 2016 through June 2016 are included in Appendix C.

Table 2-1
Treatment System Pumping Records
(July 2015 through June 2016)

Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
July 2015	7,493,698
August 2015	7,294,872
September 2015	6,774,554
October 2015	6,639,239
November 2015	6,486,166
December 2015	6,512,039
January 2016	6,381,707
February 2016	6,386,548
March 2016	6,876,118
April 2016	7,196,133
May 2016	7,203,080
June 2016	7,027,075

Table 2-2
Groundwater Elevation Data (July 2015 through June 2016)
Black & Decker
Hampstead, Maryland

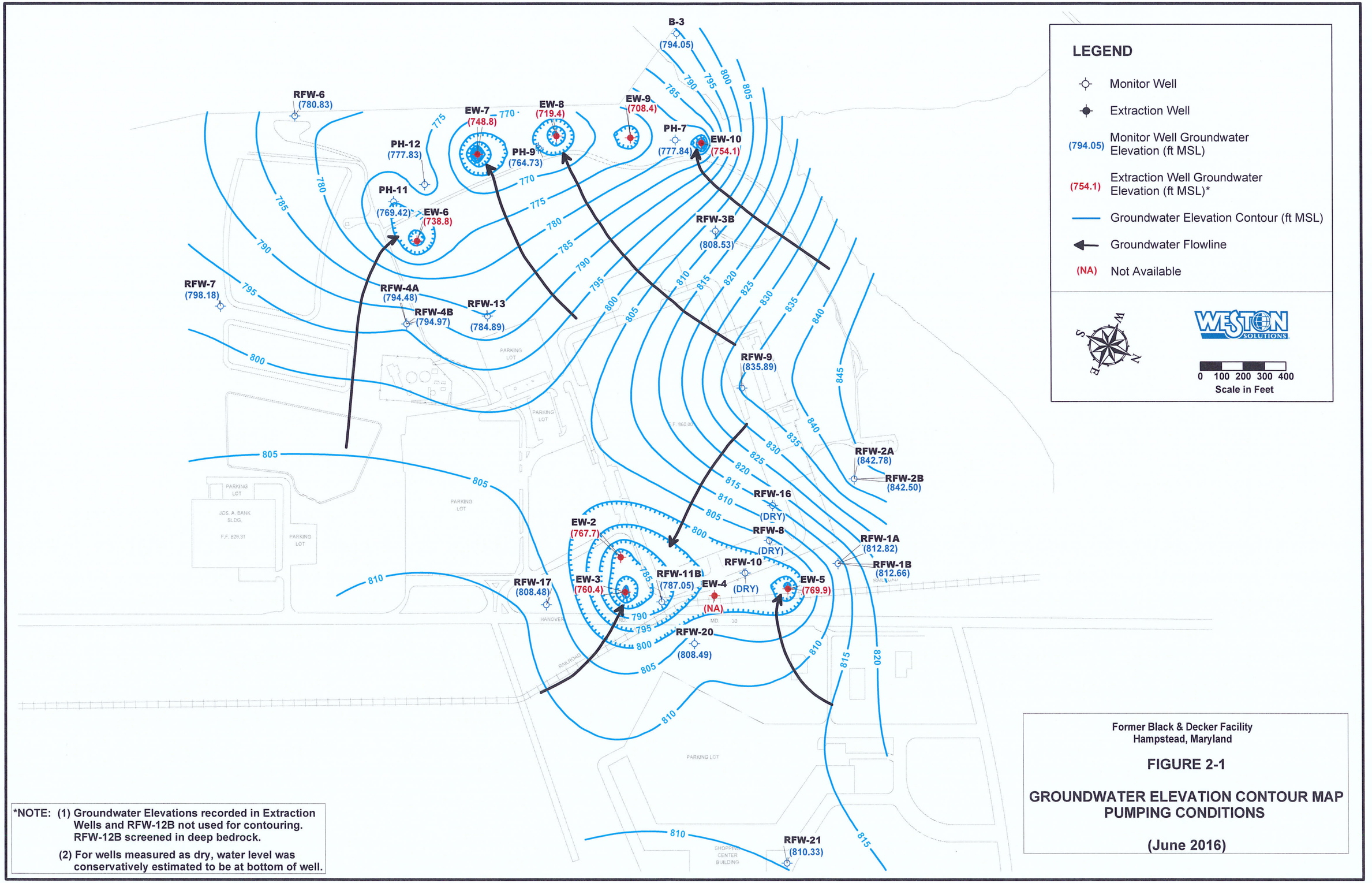
WELL NO.	TOC ELEV	TOTAL DEPTH	7/25/2015		8/26/2015		9/19/2015		10/21/2015	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	81.95	767.26	82.89	766.32	82.42	766.79	84.25	764.96
EW-3	846.64	118	85.26	761.38	86.33	760.31	85.86	760.78	86.89	759.75
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	91.57	772.60	92.56	771.61	92.67	771.50	90.56	773.61
EW-6	831.98	115	103.00	728.98	103.00	728.98	103.00	728.98	99.60	732.38
EW-7	818.38	78	86.30	732.08	86.25	732.13	86.84	731.54	69.32	749.06
EW-8	811.13	98	91.09	720.04	91.45	719.68	91.50	719.63	91.58	719.55
EW-9	811.35	141	103.00	708.35	103.00	708.35	102.50	708.85	100.61	710.74
EW-10	807.74	NA	54.96	752.78	55.26	752.48	57.17	750.57	57.80	749.94
RFW-1A	864.37	78	51.26	813.11	51.43	812.94	51.22	813.15	50.56	813.81
RFW-1B	864.23	200	51.29	812.94	51.45	812.78	51.18	813.05	50.59	813.64
RFW-2A	857.41	35	16.89	840.52	17.67	839.74	17.43	839.98	16.45	840.96
RFW-2B	857.73	75	17.15	840.58	18.28	839.45	18.24	839.49	17.18	840.55
RFW-3B	839.21	153	33.86	805.35	34.44	804.77	33.95	805.26	35.89	803.32
RFW-4A	830.37	62	36.52	793.85	37.56	792.81	37.24	793.13	37.82	792.55
RFW-4B	830.37	120	36.49	793.88	37.42	792.95	37.11	793.26	37.63	792.74
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	3.56	781.48	3.46	781.58	3.29	781.75	5.23	779.81
RFW-7	805.14	29	7.35	797.79	6.59	798.55	6.24	798.90	7.26	797.88
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	26.59	835.43	27.81	834.21	27.43	834.59	27.12	834.90
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	62.32	787.30	63.52	786.10	62.59	787.03	63.84	785.78
RFW-12B	844.87	264	49.98	794.89	50.22	794.65	50.29	794.58	50.12	794.75
RFW-13	849.11	150	63.57	785.54	63.90	785.21	63.81	785.30	63.88	785.23
RFW-14B	812.39	281	52.81	759.58	52.98	759.41	53.46	758.93	52.30	760.09
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	24.86	809.80	25.86	808.80	25.42	809.24	28.43	806.23
RFW-20	842.29	142	34.56	807.73	34.80	807.49	34.91	807.38	35.61	806.68
RFW-21	832.65	102	21.99	810.66	22.48	810.17	22.56	810.09	22.74	809.91
PH-7	805.94	89	29.61	776.33	29.65	776.29	30.45	775.49	29.76	776.18
PH-9	814.94	98	50.56	764.38	51.24	763.70	44.75	770.19	50.11	764.83
PH-11	820.68	78	51.48	769.20	52.09	768.59	47.26	773.42	51.83	768.85
PH-12	828.35	87	49.58	778.77	50.86	777.49	49.28	779.07	48.72	779.63
B-3	803.02	83	10.11	792.91	10.05	792.97	10.49	792.53	10.32	792.70
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	1.19	803.77	1.24	803.72	1.19	803.77	1.59	803.37
Pembroke #1	NA	NA	10.89	NC	11.02	NC	10.56	NC	11.73	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	10.56	NC	10.95	NC	10.73	NC	10.17	NC
E. Century St.	NA	NA	19.27	NC	19.24	NC	19.24	NC	19.26	NC
Lwr. Beckleys. Rd.	NA	NA	54.86	NC	55.42	NC	55.51	NC	55.73	NC

Table 2-2
Groundwater Elevation Data (July 2015 through June 2016)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	11/5/2015		12/9/2015		1/16/2016		2/17/2016	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	88.13	761.08	86.00	763.21	84.23	764.98	84.79	764.42
EW-3	846.64	118	87.43	759.21	87.82	758.82	89.87	756.77	89.98	756.66
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	92.81	771.36	92.80	771.37	92.24	771.93	92.65	771.52
EW-6	831.98	115	108.00	723.98	108.10	723.88	99.88	732.10	99.86	732.12
EW-7	818.38	78	68.65	749.73	68.48	749.90	71.41	746.97	69.95	748.43
EW-8	811.13	98	91.51	719.62	93.00	718.13	90.28	720.85	91.38	719.75
EW-9	811.35	141	101.31	710.04	101.00	710.35	101.25	710.10	102.48	708.87
EW-10	807.74	NA	58.00	749.74	60.11	747.63	54.89	752.85	52.25	755.49
RFW-1A	864.37	78	51.70	812.67	52.01	812.36	50.49	813.88	49.73	814.64
RFW-1B	864.23	200	51.73	812.50	52.05	812.18	50.52	813.71	49.77	814.46
RFW-2A	857.41	35	16.69	840.72	16.35	841.06	14.10	843.31	13.48	843.93
RFW-2B	857.73	75	17.38	840.35	17.07	840.66	14.58	843.15	14.12	843.61
RFW-3B	839.21	153	36.51	802.70	36.87	802.34	33.84	805.37	34.13	805.08
RFW-4A	830.37	62	37.78	792.59	36.89	793.48	36.78	793.59	36.80	793.57
RFW-4B	830.37	120	37.58	792.79	36.73	793.64	36.80	793.57	36.36	794.01
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	4.06	780.98	4.75	780.29	4.25	780.79	3.34	781.70
RFW-7	805.14	29	6.95	798.19	7.43	797.71	7.24	797.90	6.89	798.25
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.27	834.75	27.48	834.54	26.89	835.13	25.66	836.36
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	64.48	785.14	62.88	786.74	61.58	788.04	60.19	789.43
RFW-12B	844.87	264	50.94	793.93	51.20	793.67	50.56	794.31	49.98	794.89
RFW-13	849.11	150	64.90	784.21	64.82	784.29	62.77	786.34	65.50	783.61
RFW-14B	812.39	281	52.34	760.05	52.19	760.20	54.87	757.52	53.55	758.84
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	27.14	807.52	27.52	807.14	26.25	808.41	25.94	808.72
RFW-20	842.29	142	35.86	806.43	35.73	806.56	34.88	807.41	34.64	807.65
RFW-21	832.65	102	23.14	809.51	23.22	809.43	22.59	810.06	22.35	810.30
PH-7	805.94	89	29.92	776.02	29.91	776.03	29.37	776.57	28.97	776.97
PH-9	814.94	98	50.72	764.22	50.70	764.24	51.23	763.71	50.94	764.00
PH-11	820.68	78	52.46	768.22	52.52	768.16	50.70	769.98	50.45	770.23
PH-12	828.35	87	48.89	779.46	49.12	779.23	51.22	777.13	51.25	777.10
B-3	803.02	83	10.47	792.55	10.52	792.50	9.04	793.98	9.89	793.13
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	1.79	803.17	1.87	803.09	1.88	803.08	2.12	802.84
Pembroke #1	NA	NA	11.89	NC	11.95	NC	9.87	NC	11.11	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	10.25	NC	10.33	NC	10.04	NC	9.87	NC
E. Century St.	NA	NA	19.24	NC	19.26	NC	19.22	NC	19.21	NC
Lwr. Beckleys. Rd.	NA	NA	55.86	NC	55.69	NC	51.73	NC	51.89	NC

Table 2-2
Groundwater Elevation Data (July 2015 through June 2016)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	3/12/2016		4/8/2016		5/14/2016		6/25/16	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	85.11	764.10	84.26	764.95	63.56	785.65	81.47	767.74
EW-3	846.64	118	90.56	756.08	89.83	756.81	86.21	760.43	86.23	760.41
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	92.30	771.87	92.25	771.92	94.61	769.56	94.26	769.91
EW-6	831.98	115	98.74	733.24	97.58	734.40	92.29	739.69	93.15	738.83
EW-7	818.38	78	71.50	746.88	72.11	746.27	68.48	749.90	69.58	748.80
EW-8	811.13	98	92.30	718.83	82.05	729.08	91.38	719.75	91.69	719.44
EW-9	811.35	141	101.45	709.90	101.30	710.05	102.80	708.55	103.00	708.35
EW-10	807.74	NA	54.28	753.46	55.26	752.48	52.70	755.04	53.67	754.07
RFW-1A	864.37	78	50.49	813.88	50.81	813.56	51.12	813.25	51.55	812.82
RFW-1B	864.23	200	50.57	813.66	50.84	813.39	51.13	813.10	51.57	812.66
RFW-2A	857.41	35	14.19	843.22	14.03	843.38	13.51	843.90	14.63	842.78
RFW-2B	857.73	75	14.77	842.96	14.55	843.18	14.33	843.40	15.23	842.50
RFW-3B	839.21	153	34.28	804.93	33.89	805.32	30.53	808.68	30.68	808.53
RFW-4A	830.37	62	37.29	793.08	37.98	792.39	35.10	795.27	35.89	794.48
RFW-4B	830.37	120	36.81	793.56	37.53	792.84	34.89	795.48	35.40	794.97
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	4.79	780.25	6.59	778.45	3.11	781.93	4.21	780.83
RFW-7	805.14	29	7.45	797.69	7.54	797.60	5.58	799.56	6.96	798.18
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	26.59	835.43	26.59	835.43	25.73	836.29	26.13	835.89
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	60.58	789.04	62.01	787.61	62.21	787.41	62.57	787.05
RFW-12B	844.87	264	50.27	794.60	50.17	794.70	47.78	797.09	51.62	793.25
RFW-13	849.11	150	64.89	784.22	64.56	784.55	63.28	785.83	64.22	784.89
RFW-14B	812.39	281	53.49	758.90	53.39	759.00	52.88	759.51	52.69	759.70
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	26.08	808.58	26.01	808.65	25.16	809.50	26.18	808.48
RFW-20	842.29	142	34.65	807.64	34.20	808.09	32.72	809.57	33.80	808.49
RFW-21	832.65	102	23.05	809.60	23.15	809.50	20.41	812.24	22.32	810.33
PH-7	805.94	89	29.43	776.51	29.56	776.38	29.56	776.38	28.10	777.84
PH-9	814.94	98	51.33	763.61	50.96	763.98	51.26	763.68	50.21	764.73
PH-11	820.68	78	50.87	769.81	50.46	770.22	52.11	768.57	51.26	769.42
PH-12	828.35	87	51.98	776.37	51.56	776.79	52.06	776.29	50.52	777.83
B-3	803.02	83	9.94	793.08	9.56	793.46	10.23	792.79	8.97	794.05
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	2.49	802.47	1.29	803.67	1.19	803.77	1.62	803.34
Pembroke #1	NA	NA	10.48	NC	11.23	NC	10.23	NC	10.59	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	9.86	NC	10.23	NC	10.44	NC	10.85	NC
E. Century St.	NA	NA	19.23	NC	19.28	NC	19.22	NC	19.23	NC
Lwr. Beckleys. Rd.	NA	NA	52.04	NC	52.16	NC	54.40	NC	55.81	NC



*NOTE: (1) Groundwater Elevations recorded in Extraction Wells and RFW-12B not used for contouring. RFW-12B screened in deep bedrock.

(2) For wells measured as dry, water level was conservatively estimated to be at bottom of well.

Former Black & Decker Facility
Hampstead, Maryland

FIGURE 2-1

GROUNDWATER ELEVATION CONTOUR MAP PUMPING CONDITIONS

(June 2016)

June-2016-BD-KT3D.srf

Table 2-3
Effluent Characteristics Summary (July 2015 through June 2016)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE					
					July 2015	August 2015	September 2015	October 2015	November 2015	December 2015
001	FLOW	average	MGD	NA	0.225	0.122	0.193	0.251	0.184	0.257
		maximum	MGD	NA	0.772	0.439	0.831	1.192	0.451	0.824
	1,1,1-Trichloroethane		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Tetrachloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Total Residual Chlorine		mg/l	<0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Oil & Grease	maximum	mg/l	15	91	< 5	< 5	< 5	< 5	< 5
		monthly average	mg/l	10	91	< 5	< 5	< 5	< 5	< 5
	pH	minimum	STD	6.0	7.1	7.1	7.2	7.4	6.9	6.7
		maximum	STD	8.5	8.0	8.0	7.6	8.5	7.3	8.2
	BOD		mg/l	15	9.0	4.0	0	4.0	5.0	0.0
	TSS	maximum	mg/l	30	0	10	10	17.0	< 1	< 1
		monthly average	mg/l	20	0	10	10	17.0	< 1	< 1
101 (Monitoring Point)	FLOW	average	MGD	NA	0.129	0.120	0.058	0.056	0.136	0.065
		maximum	MGD	NA	0.194	0.246	0.298	0.311	0.293	0.214
	Fecal Coliform		MPN/100ml	200	101	1.0	1.0	1.0	1.0	1.0
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.234	NR	NR	0.213
		maximum	MGD	NA	NR	NR	0.289	NR	NR	0.284
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1

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

Table 2-3
Effluent Characteristics Summary (July 2015 through June 2016)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE					
					January 2016	February 2016	March 2016	April 2016	May 2016	June 2016
001	FLOW	average	MGD	NA	0.259	0.288	0.211	0.186	0.266	0.241
		maximum	MGD	NA	0.653	0.913	0.780	0.608	0.845	0.700
	1,1,1-Trichloroethane		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Tetrachloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Total Residual Chlorine		mg/l	<0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Oil & Grease	maximum	mg/l	15	< 5	< 5	< 5	< 5	< 5	< 5
		monthly average	mg/l	10	< 5	< 5	< 5	< 5	< 5	< 5
	pH	minimum	STD	6.0	6.7	6.7	6.7	6.7	6.6	6.8
		maximum	STD	8.5	7.7	7.3	7.0	7.4	7.6	7.9
	BOD		mg/l	15	< 1	2.0	3.0	< 1	6.0	7.0
	TSS	maximum	mg/l	30	< 1	< 1	< 1	< 1	11.0	16.0
		monthly average	mg/l	20	< 1	< 1	< 1	< 1	9.0	11.0
101 (Monitoring Point)	FLOW	average	MGD	NA	0.051	0.157	0.078	0.035	0.103	0.022
		maximum	MGD	NA	0.243	0.255	0.258	0.264	0.254	0.107
	Fecal Coliform		MPN/100ml	200	1.0	1.0	1.0	1.0	1.0	1.0
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.216	NR	NR	0.235
		maximum	MGD	NA	NR	NR	0.454	NR	NR	0.321
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1

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

Table 2-4
Summary of Groundwater Analytical Results - August 2015
Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	8.3	9.1	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	0.9 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	1.6	3.9	1 U	1 U	4.5	26	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	0.34 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	160	28	320	85	5	2.8	6.5	0.5 J	0.5	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	52	1.2	9.3	1.9	10	7.4	72	94	99	1.5
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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

Table 2-4
Summary of Groundwater Analytical Results - August 2015
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Acetone	ug/L	5 U	5 U	5 U	5 U	5.7	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	0.6 J	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	0.6 J	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1.4	1 U	1 U	3.1	NS	1 U	1 U	NS	14	NS
Chloroform	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-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	20	20	29	NS	0.9	1.5	NS	7.8	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	13	13	56	NS	1 U	1 U	NS	4.2	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 - August 2015
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	1 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	1.3	0.9 J	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	0.5 U	0.3 J	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	2.4	34	2.4	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	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	0.6	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	6.9	14	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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

NS = Not sampled

U = Compound was analyzed but not detected.

ABD = Well has been abandoned

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

Table 2-5
Summary of Groundwater Analytical Results - November 2015
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	0.8 J	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.3	1.8	1.6	1 U	1 U	5.4	23	1 U	1 U	1 U
Chloroform	ug/L	NS	1.6 B	1.7 B	1.7 B	1.7 B	1.7 B	1.6 B	1.6 B	1.7 B	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	140	29	220	89	4.4	3.3	6.2	0.5	0.5	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	38	1.1	6.5	2.4	7.5	7.6	58	98	100	1.5
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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

Table 2-5
Summary of Groundwater Analytical Results - November 2015
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	0.6 J	0.7 J	2.7	NS	1 U	1 U	NS	7.5	NS
Chloroform	ug/L	1.6 B	1.6 B	1.7 B	1.7 B	1.6 B	2.2 B	2.4 B	2.9 B	NS	1.7 B	1.7 B	NS	1.8 B	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	0.5	0.6	1 U	18	19	42	NS	1 U	2.1	NS	6.5	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	9.1	9.1	59	NS	1 U	1 U	NS	2.6	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 2-5
Summary of Groundwater Analytical Results - November 2015
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	1 U	0.8 J	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	1.7 B	1.7 B	1.6 B	NS	1.5 B	ABD	ABD	ABD	1.7 B	0.5 U	0.5 U	0.34 J	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	2.2	13	2	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	1.4	13	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.46 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 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

Table 2-6
Summary of Groundwater Analytical Results - February 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	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	0.8 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.8	2	NS	1 U	1 U	5.9	28	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	150	31	NS	94	6	3.7	7.5	0.7	0.5	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	45	1.2	NS	2.7	9.4	8.9	66	110	110	5 U
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 2-6
Summary of Groundwater Analytical Results - February 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	0.7 J	0.6 J	3.1	NS	1 U	1 U	NS	11	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.2	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	0.7	0.7	1 U	23	22	43	NS	1.4	1 U	NS	6.7	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	10	10	60	NS	1.8	1 U	NS	3.9	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 2-6
Summary of Groundwater Analytical Results - February 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	1.1 J	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	1 U	ABD	ABD	ABD	7.9	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	1 U	0.9 J	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	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	2	17	2.4	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	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	4.2	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	1.5	15	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.31 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	0.6	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

Table 2-7
Summary of Groundwater Analytical Results - May 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	NS	2 U	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	NS	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	NS	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	NS	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	NS	1.8	NS	1 U	1 U	5.7	30	1 U	1 U	1 U
Chloroform	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	NS	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	NS	33	NS	100	5.9	3.7	8	0.5	0.7	1 U
Dibromochloromethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	NS	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	NS	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	NS	1.3	NS	3.3	11	9.9	77	120	120	1.2
1,1,2,2-Tetrachloroethane	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	NS	1 U	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	NS	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 2-7
Summary of Groundwater Analytical Results - May 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	0.9 J	0.8 J	3.4	NS	0.6 J	1 U	NS	18	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1 U	0.6 U	1 U	27	30	56	NS	1.7	3	NS	8	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	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	15	16	93	NS	2.2	1 U	NS	5	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 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 2-7
Summary of Groundwater Analytical Results - May 2016
Stanley Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1.7	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	1.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5.5	5 U	5 U	NS	1 U	ABD	ABD	ABD	7.9	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	0.8 J	1 J	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	0.33 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	2.3	51	2.7	NS	1 U	ABD	ABD	ABD	1 U	0.4 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	0.6	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	4.4	18	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.31 J	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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

NS = Not sampled

U = Compound was analyzed but not detected.

ABD = Well has been abandoned

A summary of the analytical results of the groundwater samples collected from the monitor and extraction wells during the third and fourth quarters of 2015 and the first and second quarters of 2016 are included in Tables 2-4, 2-5, 2-6, and 2-7, respectively. As found in earlier sampling events at the Black & Decker facility, TCE and PCE were the primary VOCs detected at the highest concentrations in the groundwater samples. The highest concentrations of TCE were detected in the groundwater samples collected from wells EW-5 and RFW-4B; EW-4 historically has the highest TCE detection but was down due to a maintenance issue at the time of sampling. The highest concentrations of PCE were detected in the groundwater samples collected from wells EW-9 and RFW-4B. The remainder of the detected VOCs, were detected at levels well below the Federal Maximum Concentration Levels (MCLs). The second quarter 2016 (May 2016) analytical data package is included in Appendix D. Analytical data packages for the remaining quarters are included in the respective Quarterly Groundwater Monitoring Reports.

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities that were performed on the extraction and treatment system during the reporting period (July 2015 through June 2016) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts, as appropriate, or other routine activities).

Table 3-1
Treatment System Maintenance Activities (July 2015 through June 2016)
Black Decker
Hampstead, Maryland

Date	Event/Corrective Action
Sep-15	A temporary power outage at the facility caused the system to shut down. System was restarted, all wells back on line.
Sep-15	EW-10 was off due to flooding caused by heavy rain. Well was reset and is back on line.
Dec-15	EW-8 was down due to loose wires in the control box, repairs were made to the control box and the well is back online.
Jan-16	Alarm at the stripper due to faulty heating elements on EW-2 and EW-9 , the heating elements were replaced the wells are back online.
Jan-16	Blown stripper transformer due to heavy snow. A temporary feed was run to the stripper, while the transformer was being replaced. The transformer is back online.
Feb -16	Alarm at the stripper due to flooding at well EW-10 caused by melting snow and heavy rain. Next day EW-10 was reset and is back online.
Feb -16	Power outage onsite due to heavy storms, when the power was restored the system was reset and is back online.
Feb -16	EW-4 is down due to a water leak within the well house which caused damage to the control panel, the parts have been ordered to repair the well but the well is still down.
May-16	EW-2 is down due to broken pump motor.
May-16	EW-4 is down due to a broken float control, the float control was replaced and well EW-4 is back online.
Jun-16	The pump in EW-2 is pulled, the pump motor is replaced and the well is back online.

4. TREATMENT SYSTEM PERFORMANCE EVALUATION

During the reporting period of July 2015 to June 2016, depth-to-water measurements were collected in all site monitor wells on a monthly basis. A groundwater elevation contour map was constructed each month to verify that the groundwater extraction system was providing a hydraulic barrier to prevent any groundwater contamination from migrating off-site. Pumping rates were adjusted as necessary to ensure that hydraulic control was being maintained across the site. Significant drawdown has been observed in both shallow and deeper monitor wells throughout the long-term pumping of the extraction well system, indicating that considerable interconnection exists between the shallow and deeper groundwater.

The groundwater elevation data collected in June 2016 were contoured using KT3D (Tonkin and Larson, 2002), a software program designed to contour groundwater elevation data while taking into account one or more pumping centers. As discussed in *A Systematic Approach for Evaluation of Capture Zones at Pump and Treat System* (USEPA, 2009), KT3D uses a linear-log kriging method that accounts for more tightly spaced groundwater elevation contours around pumping centers. Traditional computer-contouring packages utilize linear kriging methods that can overestimate predicted capture zones around pumping centers.

As shown in Figure 2-1, the groundwater elevation contour map generated by KT3D using groundwater elevation and pumping rate data for June 2016 shows a large depression in the groundwater surface in the vicinity of the pumping well networks at the site. The groundwater path lines show that the direction of groundwater flow is toward the extraction wells and the pumping well network is establishing an effective hydraulic barrier along the site property boundaries. The predicted groundwater capture zones for the pumping wells extend across the site property.

The system as presently configured is successful in meeting the objective of capturing on-site groundwater, thereby reducing the potential off-site migration of contaminated groundwater. The system is also successful in treating the collected groundwater to remove the VOCs from the water. The laboratory analytical results of the treated discharge water indicate that no VOCs are present.

5. RECOMMENDATIONS

As discussed in Section 4, the treatment system has created a hydraulic boundary that prevents the off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

APPENDIX A
WITHDRAWAL REPORTS

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

PWSID # 106-0004

Black & Decker WTP

Superintendent: Dave Coale

Month: **April**

Address: BTR CAPITAL GROUP, Hampstead, MD 21073

Certification #: 1662

Year: **2016**

625 Hanover Pike, Hampstead, Carroll County, Maryland

Operated by:

Maryland Environmental Service

Additional Ops & Cert #'s: Anthony Phillips 3001 Keith White 4609, Dorrance Jones 0763, Chris Dallas 6202,Martin Whitt 0666

General			Potable Water			Chemical				Monitoring		Distribution				Raw Water		Comments
Date	Day	Weather	MGD Total FQIR	pH P.O.E	Free Cl2	Na_2CO_3 Level	Na_2CO_3 (gpd)	NaOCL Level	NaOCL (gpd)	VOC'S (ppb)	Bacti Pos/Neg	pH su	TRC mg/l	Distribution Location	Oper Int	pH su	Total Raw Water Well (mgd)	
1	Fri	Clear	0.0023	7.45	1.33	10.0	0.0	56.0	1.0						KW		0.224783	
2	Sat.	Cloudy	0.0029	7.68	1.50	10.0	0.0	55.0	1.0						AP		0.228877	
3	Sun.	Cloudy	0.0004	7.88	1.52	10.0	0.0	54.5	0.5						AP		0.225277	
4	Mon	Cloudy	0.0010	7.56	1.57	10.0	0.0	53.5	1.0						KW		0.218178	
5	Tue	Clear	0.0036	7.88	1.46	10.0	0.0	52.5	1.0						KW		0.277643	
6	Wed	Clear	0.0027	7.62	1.17	10.0	0.0	51.5	1.0			7.44	1.31	Loading Dock	KW		0.296930	
7	Thur.	Cloudy	0.0032	7.85	1.25	10.0	0.0	50.5	1.0						AP		0.216757	
8	Fri	Cloudy	0.0031	7.68	1.33	10.0	0.0	50.0	0.5			7.53	1.17	Loading Dock	CD		0.239033	
9	Sat.	Cloudy	0.0014	7.35	1.37	10.0	0.0	49.0	1.0						KW	6.32	0.192648	
10	Sun.	Clear	0.0018	7.52	1.56	10.0	0.0	48.0	1.0						KW		0.239097	
11	Mon	Cloudy	0.0023	7.52	1.22	10.0	0.0	47.0	1.0						AP	4.76	0.280947	
12	Tue.	Rain	0.0019	7.93	1.41	10.0	0.0	46.0	1.0						AP		0.188630	Total Coliform Absent/POE VOC
13	Wed	Clear	0.0043	7.80	1.48	10.0	0.0	45.0	1.0						AP		0.283985	
14	Thur.	Clear	0.0029	7.76	1.33	10.0	0.0	44.0	1.0			7.61	1.24	Loading Dock	AP		0.232107	
15	Fri	Clear	0.0032	7.89	1.43	10.0	0.0	43.0	1.0			7.66	1.19	Loading Dock	CD		0.234606	
16	Sat.	Clear	0.0016	7.71	1.70	10.0	0.0	42.0	1.0						DJ		0.207090	
17	Sun.	Clear	0.0010	7.87	1.82	10.0	0.0	41.0	1.0						DJ		0.233181	
18	Mon	Clear	0.0036	7.91	1.63	10.0	0.0	40.0	1.0						AP	5.51	0.281034	
19	Tue	Clear	0.0058	7.82	1.57	10.0	0.0	59.0	1.0						AP		0.180687	
20	Wed	Clear	0.0097	7.65	1.32	10.0	0.0	57.0	2.0						AP		0.287190	
21	Thur.	Cloudy	0.0062	7.75	1.13	10.0	0.0	56.0	1.0			7.65	1.15	Loading Dock	AP		0.237423	
22	Fri	Cloudy	0.0064	7.41	1.50	10.0	0.0	55.0	1.0			7.64	1.38	Loading Dock	KW		0.233233	
23	Sat.	Cloudy	0.0058	7.86	1.39	10.0	0.0	54.0	1.0						AP		0.227046	
24	Sun.	Clear	0.0043	7.52	1.14	10.0	0.0	53.0	1.0						AP		0.237434	
25	Mon	Clear	0.0043	7.93	0.90	10.0	0.0	52.0	1.0						MW		0.255207	
26	Tues	Clear	0.0069	7.81	1.24	10.0	0.0	50.0	2.0			7.59	1.21	1st Floor Admin	MW		0.223373	
27	Wed	Clear	0.0080	7.45	1.04	10.0	0.0	49.0	1.0						KW		0.252031	
28	Thur.	Rain	0.0030	7.59	0.66	10.0	0.0	48.0	1.0						KW	5.60	0.231198	
29	Fri	Rain	0.0045	7.83	0.84	10.0	0.0	47.0	1.0			7.52	1.01	Loading Dock	KW		0.246320	
30	Sat.	Rain	0.0012	7.60	1.20	10.0	0.0	46.0	1.0						DJ		0.194301	
31																		
Total			0.1093				0.0		31.0								7.106246	
Average			0.0036	7.70	1.33	10.0	0.0	49.8	1.0	####		7.58	1.21			5.55	0.236875	
Minimum			0.0004	7.35	0.66	10.0	0.0	40.0	0.5	0.0		7.44	1.01			4.76	0.180687	Central MOR 12/22/2014
Maximum			0.0097	7.93	1.82	10.0	0.0	59.0	2.0	0.0		7.66	1.38			6.32	0.296930	

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

VSID # 106-0004

Black & Decker WTP

Superintendent: David Coale

Month: May

Year: 2016

Address: BTR CAPITAL GROUP, Hampstead, MD 21073

Certification #: 1662

625 Hanover Pike, Hampstead, Carroll County, Maryland

ated by:

land Environmental Service

Additional Ops & Cert #'s: Anthony Phillips 3001 Keith White 4609, Dorrance Jones 0763, Chris Dallaas 6202

General			Potable Water			Chemical				Monitoring		Distribution				Raw Water		Comments
te	Day	Weather	MGD Total FQIR	pH P.O.E	Free Cl2	Na_2CO_3 Level	Na_2CO_3 (gpd)	NaOCL Level	NaOCL (gpd)	VOC'S (ppb)	Bacti Pos/Neg	pH su	TRC mg/l	Distribution Location	Oper Int	pH su	Total Raw Water Well (mgd)	
	Sun	Rain	0.0015	7.95	1.10	10.0	0.0	45.0	1.0						DJ		0.239108	
	Mon.	Cloudy	0.0030	7.64	1.07	10.0	0.0	44.0	1.0						AP		0.275960	
	Tue.	Rain	0.0049	7.79	1.11	10.0	0.0	43.0	1.0						AP	5.12	0.193335	
	Wed.	Cloudy	0.0060	7.88	1.02	10.0	0.0	42.0	1.0						AP		0.279769	
	Thur	Cloudy	0.0039	7.53	0.94	10.0	0.0	59.0	1.0			7.78	1.09	Loading Dock	KW		0.243968	
	Fri	Rain	0.0032	7.67	1.07	10.0	0.0	58.0	1.0			7.79	1.38	Loading Dock	KW		0.242861	
	Sat	Cloudy	0.0012	7.59	0.99	10.0	0.0	57.0	1.0						KW		0.189564	
	Sun	Clear	0.0027	7.83	1.16	10.0	0.0	56.0	1.0						KW		0.239649	
	Mon.	Cloudy	0.0040	7.86	0.94	10.0	0.0	55.0	1.0						AP	5.25	0.292116	
0	Tue.	Cloudy	0.0029	7.81	1.04	10.0	0.0	54.0	1.0						AP		0.180903	
1	Wed.	Cloudy	0.0039	7.75	1.73	10.0	0.0	53.0	1.0						AP		0.285538	
2	Thur	Cloudy	0.0039	7.90	1.71	10.0	0.0	52.0	1.0			7.73	1.48	Loading Dock	AP		0.220612	
3	Fri	Rain	0.0057	7.94	1.65	10.0	0.0	51.0	1.0			7.82	1.27	Loading Dock	CD		0.218373	
4	Sat	Cloudy	0.0053	7.85	1.49	10.0	0.0	50.0	1.0						AP		0.223667	
5	Sun	Cloudy	0.0034	7.88	1.30	10.0	0.0	49.0	1.0						AP		0.215966	
6	Mon.	Clear	0.0039	7.38	0.74	10.0	0.0	48.0	1.0			7.40	0.59	Loading Dock	KW		0.241448	
7	Tue.	Rain	0.0033	7.41	1.63	10.0	0.0	47.0	1.0						KW		0.188731	
8	Wed.	Cloudy	0.0067	7.61	1.64	10.0	0.0	46.0	1.0						KW		0.265570	
9	Thur	Cloudy	0.0038	7.91	7.56	10.0	0.0	45.0	1.0			7.65	1.46	Loading Dock	KW	5.66	0.201288	
0	Fri	Clear	0.0070	7.59	1.87	10.0	0.0	44.0	1.0						KW		0.237233	
1	Sat	Rain	0.0056	7.43	1.45	10.0	0.0	43.0	1.0						DJ		0.233133	
2	Sun	Rain	0.0025	7.76	1.50	10.0	0.0	42.0	1.0						DJ		0.199664	
3	Mon.	Cloudy	0.0035	7.78	1.14	10.0	0.0	41.0	1.0						AP	4.74	0.274905	
4	Tue.	Clear	0.0052	7.72	1.00	10.0	0.0	40.0	1.0						AP		0.176429	
5	Wed.	Clear	0.0120	7.76	0.95	10.0	0.0	38.0	2.0						AP		0.273188	
6	Thur	Clear	0.0112	7.95	1.66	10.0	0.0	58.0	2.0			7.25	1.45	Loading Dock	KW		0.226918	
7	Fri	Clear	0.0081	7.61	1.30	10.0	0.0	56.0	2.0			7.86	1.73	Loading Dock	KW		0.185900	
8	Sat	Clear	0.0098	7.42	1.22	10.0	0.0	55.0	1.0						KW		0.226491	
9	Sun	Clear	0.0078	7.98	1.02	10.0	0.0	54.0	1.0						KW		0.230765	
0	Mon.	Cloudy	0.0034	7.50	1.19	10.0	0.0	53.0	1.0						AP		0.246634	
1	Tue.	Cloudy	0.0052	8.01	0.95	10.0	0.0	52.0	1.0						AP	5.09	0.253425	
otal			0.1545				0.0		34.0								7.203111	
erage			0.0050	7.73	1.46	10.0	0.0	49.4	1.1	####		7.66	1.31			5.17	0.232358	
inimum			0.0012	7.38	0.74	10.0	0.0	38.0	1.0	0.0		7.25	0.59			4.74	0.176429	Central MOR 12/22/2014
aximum			0.0120	8.01	7.56	10.0	0.0	59.0	2.0	0.0		7.86	1.73			5.66	0.292116	

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

WSID # 106-0004

Black & Decker WTP

Address: BTR CAPITAL GROUP, Hampstead, MD 21073
625 Hanover Pike, Hampstead, Carroll County, Maryland

Superintendent: Dave Coale
Certification #: 1662

Month: June
Year: 2016

erated by:
ryland Environmental Service

Additional Ops & Cert #'s: Anthony Phillips 3001, Keith White 4609, Dorrance Jones 0763, Chris Dallaas 6202, Martin Whitt 0666

General			Potable Water			Chemical				Monitoring		Distribution				Raw Water		Comments
ate	Day	Weather	MGD Total FQIR	pH P.O.E	Free Cl2	Na_2CO_3 Level	Na_2CO_3 (gpd)	NaOCL Level	NaOCL (gpd)	VOC'S (ppb)	Bacti Pos/Neg	pH su	TRC mg/l	Distribution Location	Oper Int	pH su	Total Raw Water Well (mgd)	
1	Wed.	Cloudy	0.0077	7.55	1.61	10.0	0.0	51.0	1.0						AP		0.192558	
2	Thurs	Clear	0.0123	7.93	1.03	10.0	0.0	49.0	2.0			7.24	0.75	Loading Dock	MW		0.272516	
3	Fri.	Clear	0.0094	7.97	1.51	10.0	0.0	47.0	2.0			7.47	1.43	1st Floor Admin.	CD		0.229620	
4	Sat.	Cloudy	0.0068	7.60	1.08	10.0	0.0	46.0	1.0						AP		0.216259	
5	Sun.	Cloudy	0.0053	7.68	1.71	10.0	0.0	45.0	1.0						AP		0.225691	
6	Mon	Clear	0.0047	7.40	1.56	10.0	0.0	44.0	1.0			7.52	1.24	Loading Dock	KW		0.256618	
7	Tue	Clear	0.0035	7.50	1.52	10.0	0.0	43.0	1.0			7.57	0.70	Loading Dock	KW		0.187103	
8	Wed.	Clear	0.0048	7.44	1.17	10.0	0.0	41.0	2.0						KW		0.261350	
9	Thurs	Clear	0.0097	7.63	1.00	10.0	0.0	39.0	2.0						AP	5.07	0.231372	
10	Fri.	Clear	0.0083	7.61	1.41	10.0	0.0	37.0	2.0						KW		0.234929	
11	Sat.	Clear	0.0074	7.84	1.29	10.0	0.0	35.0	2.0						CD		0.190810	
12	Sun.	Clear	0.0108	7.58	1.14	10.0	0.0	33.0	2.0						CD		0.272334	
13	Mon	Clear	0.0081	7.54	0.92	10.0	0.0	32.0	1.0						AP	5.05	0.219595	
14	Tue	Clear	0.0062	7.62	1.04	10.0	0.0	31.0	1.0						AP		0.197164	
15	Wed.	Cloudy	0.0105	7.40	1.32	10.0	0.0	58.0	2.0						AP		0.274754	
16	Thurs	Cloudy	0.0079	7.68	1.10	10.0	0.0	57.0	1.0			7.63	0.89	Loading Dock	CD		0.219529	
17	Fri.	Clear	0.0072	7.80	1.13	10.0	0.0	56.0	1.0			7.54	1.33	1st Floor Admin.	CD		0.239619	
18	Sat.	Clear	0.0084	7.49	1.07	10.0	0.0	54.0	2.0						DJ		0.199338	
19	Sun.	Clear	0.0074	7.20	1.38	10.0	0.0	52.0	2.0						DJ		0.239303	
20	Mon	Clear	0.0120	7.37	1.00	10.0	0.0	50.0	2.0						AP	4.91	0.263095	
21	Tue	Cloudy	0.0084	7.38	1.17	10.0	0.0	49.0	1.0						AP		0.206879	
22	Wed.	Clear	0.0121	7.81	0.97	10.0	0.0	48.0	1.0			7.77	0.84	Loading Dock	CD		0.291350	
23	Thurs	Cloudy	0.0120	7.91	1.17	10.0	0.0	46.0	2.0			7.49	1.03	Loading Dock	AP		0.212944	
24	Fri.	Cloudy	0.0460	7.51	0.74	10.0	0.0	38.0	8.0						AP		0.254919	
25	Sat.	Clear	0.0370	7.43	1.20	10.0	0.0	54.0	6.0						AP		0.219325	
26	Sun.	Clear	0.0222	7.84	1.16	10.0	0.0	48.0	6.0						AP		0.238265	
27	Mon	Clear	0.0252	7.23	1.07	10.0	0.0	46.0	2.0						MW		0.254937	
28	Tue	Cloudy	0.0207	7.76	1.11	10.0	0.0	45.0	1.0			7.97	1.00	Loading Dock	CD	4.99	0.201906	
29	Wed	Clear	0.0252	7.43	1.42	10.0	0.0	40.0	5.0						KW		0.285384	
30	Thurs	Clear	0.0236	7.63	1.63	10.0	0.0	55.0	5.0			7.98	1.41	Loading Dock	KW		0.237609	
31																		
otal			0.3908				0.0		68.0								7.027075	
verage			0.0130	7.59	1.22	10.0	0.0	45.6	2.3	####		7.62	1.06			5.01	0.234236	
Minimum			0.0035	7.20	0.74	10.0	0.0	31.0	1.0	0.0		7.24	0.70			4.91	0.187103	Central MOR 12/22/2014
Maximum			0.0460	7.97	1.71	10.0	0.0	58.0	8.0	0.0		7.98	1.43			5.07	0.291350	

APPENDIX B
DISCHARGE MONITORING REPORTS

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 04/30/16**	DMR Due Date:	**08/27/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample										=	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						=	6.7			=	7.4	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.							Req Mon MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d			<=	20 MO AVG	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Permit Req.								<=	10 MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	3	26 - lb/d			=	3	=	3	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	118	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	794	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	08 - COMP-8
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample				0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample				0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample											0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample											0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample		0.186		0.608	03 - MGD									01/30 - Monthly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															
					Sample									0		0	19 - mg/L		01/30 - Monthly	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.								<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB

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

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW04.pdf	pdf	2003588

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: gsmar@menv.com | Date/Time: 2016-05-25 10:35 (Time Zone: -04:00)

Name: Gregory Smart

E-Mail: gsmar@menv.com

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 04/30/16**	DMR Due Date:	**07/28/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	35433	=	264000	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample											1	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.						<=	126	DAILY MX			0	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Value NODI														

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW04.pdf	pdf	2003588

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	gsmar@menv.com	Date/Time:	2016-05-25 10:37 (Time Zone: -04:00)
Name:	Gregory Smart		
E-Mail:	gsmar@menv.com		

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/16 to 05/31/16**	DMR Due Date:	**09/27/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: –

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample										=	6	19 - mg/L		01/30 - Monthly	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	6.6			=	7.6	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.							Req Mon MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample			=	11	26 - lb/d			=	9	=	9	19 - mg/L		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d			<=	20 MO AVG	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	605	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Permit Req.								<=	10 MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	3	26 - lb/d			=	2	=	2	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	155	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	948	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	08 - COMP-8
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample										=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample										=	0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample	=	0.266	=	0.845	03 - MGD									01/30 - Monthly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB

50060 Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req. Value NODI			<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
				Sample			=	8.7			30 - MPN/100mL		01/30 - Monthly	GR - GRAB
51040 E. coli	1 - Effluent Gross	0	--	Permit Req. Value NODI				Req Mon MO AVG			30 - MPN/100mL	0	01/30 - Monthly	GR - GRAB
				Sample			=	0			28 - ug/L		01/30 - Monthly	GR - GRAB
78391 Trichloroethene	1 - Effluent Gross	0	--	Permit Req. Value NODI			<=	5 DAILY MX			28 - ug/L	0	01/30 - Monthly	GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW05.pdf	pdf	1155269

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: jjann@menv.com | Date/Time: 2016-06-22 07:47 (Time Zone: -04:00)

Name: *Jay Janney*

E-Mail: jjann@menv.com

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/16 to 05/31/16**	DMR Due Date:	**07/28/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	102968	=	254000	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample										=	1	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.										<=	126 DAILY MX	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Value NODI														

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW05.pdf	pdf	1155269

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	gsmar@menv.com	Date/Time:	2016-06-21 11:42 (Time Zone: -04:00)
Name:	Gregory Smart		
E-Mail:	gsmar@menv.com		

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 04/01/16 to 06/30/16**	DMR Due Date:	**07/28/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:	Title:	Telephone:	
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
						Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--		Permit Req.							Req Mon QRTR AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
						Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
X 34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--		Permit Req.							Req Mon QRTR AVG			Req Mon DAILY MX		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
						Sample	=	235234	=	321120	07 - gal/d									01/90 - Quarterly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Permit Req.		Req Mon QRTR AVG		Req Mon DAILY MX	07 - gal/d								0	99/99 - Continuous	MS - MEASRD
						Value NODI															
						Sample						=	68	=	68			28 - ug/L		01/90 - Quarterly	GR - GRAB
51415	Volatile Organic Compound [VOC]	1 - Effluent Gross	0	--		Permit Req.							Req Mon QRTR AVG	<=	100 DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
						Sample						=	0	=	0			28 - ug/L		01/90 - Quarterly	GR - GRAB
78391	Trichloroethene	1 - Effluent Gross	0	--		Permit Req.							Req Mon QRTR AVG			Req Mon DAILY MX		28 - ug/L		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

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
34506	1,1,1-Trichloroethane	1 - Effluent Gross	Units	Soft	The selected units do not match the units specified by the permit for this parameter. (Error Code 3)	Yes

Comments

Net DMR lists the incorrect unit for 1,1,1-Trichloroethane. The unit should be listed as ug/l/.

Attachments

Name	Type	Size
16BlackDeckerWW06Q.pdf	pdf	1136114

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	jjann@menv.com	Date/Time:	2016-07-25 08:20 (Time Zone: -04:00)
Name:	Jay Janney		
E-Mail:	jjann@menv.com		

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 06/01/16 to 06/30/16**	DMR Due Date:	**07/28/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season	# Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	22300	=	107000	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d								01/07 - Weekly	MS - MEASRD
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample										=	1	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.										<=	126 DAILY MX	30 - MPN/100mL	01/07 - Weekly	GR - GRAB
					Value NODI														

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW06Q.pdf	pdf	1136114

Report Last Saved By

BTR HAMPSTEAD,LLC.

User:	jjann@menv.com	Date/Time:	2016-07-25 08:20 (Time Zone: -04:00)
Name:	Jay Janney		
E-Mail:	jjann@menv.com		

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 06/01/16 to 06/30/16**	DMR Due Date:	**10/27/16**	Status:	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param.	NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample										=	7	19 - mg/L		01/30 - Monthly	GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Permit Req.										<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample						=	6.8			=	7.9	12 - SU		02/07 - Twice Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Permit Req.							Req Mon MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	02/07 - Twice Every Week	GR - GRAB
					Value NODI															
					Sample			=	16	26 - lb/d			=	11	=	11	19 - mg/L		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d			<=	20 MO AVG	<=	30 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	651	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	1256	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00530	Solids, total suspended	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample								=	0	=	0	19 - mg/L		01/30 - Monthly	GR - GRAB
00556	Oil & Grease	1 - Effluent Gross	0	--	Permit Req.								<=	10 MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample			=	4	26 - lb/d			=	3	=	3	19 - mg/L		01/30 - Monthly	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample			=	151	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	1099	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample			=	0	26 - lb/d			=	0	=	0	19 - mg/L		01/30 - Monthly	08 - COMP-8
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Permit Req.				Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	08 - COMP-8
					Value NODI															
					Sample				0	76 - lb/mo									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Permit Req.				Req Mon MO TOTAL	76 - lb/mo								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample				0	50 - lb/yr									01/30 - Monthly	CA - CALCTD
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Permit Req.				Req Mon CUM TOTL	50 - lb/yr								0	01/30 - Monthly	CA - CALCTD
					Value NODI															
					Sample											0	28 - ug/L		01/30 - Monthly	GR - GRAB
34475	Tetrachloroethylene	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample											0	28 - ug/L		01/30 - Monthly	GR - GRAB
34506	1,1,1-Trichloroethane	1 - Effluent Gross	0	--	Permit Req.										<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample		0.241		0.7	03 - MGD									01/30 - Monthly	MS - MEASRD
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	MS - MEASRD
					Value NODI															
					Sample									0		0	19 - mg/L		01/30 - Monthly	GR - GRAB

50060 Chlorine, total residual	1 - Effluent Gross	0	--	Permit Req.		<=	0.1 MO AVG	<=	0.1 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
				Value NODI									
				Sample			19.2			30 - MPN/100mL		01/30 - Monthly	GR - GRAB
51040 E. coli	1 - Effluent Gross	0	--	Permit Req.			Req Mon MO AVG			30 - MPN/100mL	0	01/30 - Monthly	GR - GRAB
				Value NODI									
				Sample					0	28 - ug/L		01/30 - Monthly	GR - GRAB
78391 Trichloroethene	1 - Effluent Gross	0	--	Permit Req.				<=	5 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
				Value NODI									

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
16BlackDeckerWW06Q.pdf	pdf	1136114

Report Last Saved By

BTR HAMPSTEAD,LLC.

User: jjann@menv.com | Date/Time: 2016-07-25 08:12 (Time Zone: -04:00)

Name: Jay Janney

E-Mail: jjann@menv.com

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS

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Analytical Report

Serialized: 04/13/2016 10:06am DE36

Order Number:	L6175596
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	04-05-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6175596

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd . P O Box 514. Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 04/13/16 10:06 DE36

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

Order Number: L6175596
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 04-05-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6175596-1 BTR 101 04/05/16 09:40am NA C Customer
Received Date/Time 04/05/16 01:20pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			04/05/16 02:45PM SUB

Sample Comments | Result Qualifiers:

L6175596-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5431782

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:			PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223				NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206				NY: 10670
	FDA Reg #:	2515238				MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:		PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:		NJ 06005
East Rutherford	State ID:	NJ 02015				

L6175596

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 99572

Lab: CEL

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black & Decker - BTR - WWTP			Collectors ID #: 8648
Sample Location:	Outfall - 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: 4-5-16		Time: 0940	Name: Keith White
Sample Type:	Drinking Water:	Effluent: 101 Final	Influent:	Other:
Field Tests:	pH: 7.43	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	4-5-16 245p	4-6-16 1055a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced (VGP)
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 4-7-16

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]	04-05-16	11:14	[signature]	4/5/16	11:14
2	[signature]	4/5/16	1:20	[signature]	4/5/16	1:20
3						
4						
5						
6						

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Analytical Report

Serialized: 05/25/2016 09:25am DE36

Order Number:	L6129363
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	04-12-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6129363

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd . P.O. Box 514. Southampton, PA 18966-0514 · Phone: 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 05/25/16 09:25 DE36

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

Order Number: L6129363
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 04-12-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID L6129363-1 **Sample Description** BTR 001 GRAB **Samp. Date/Time/Temp** 04/12/16 09:00am NA C **Sampled by** Customer

Satellite Received Temp 2.6 C **Iced (Y/N):** Y
Received Date/Time/Temp 04/12/16 04:30pm 2.5 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Hexane Ext. Material-HEM (oil+grease)	ND		mg/l	1664B HEM	1	5.00	04/18/16 03:19PM JEM
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	ND		mg/l	SM 2540D	1	5.00	04/14/16 02:04PM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	ND		mg/l	SM 5210B	0	2.00	04/13/16 08:20AM SKJ
SUBCONTRACT							
EPA Method 624	ATTACHED						

Sample ID L6129363-2 **Sample Description** BTR 001 COMP **Samp. Date/Time/Temp** 04/12/16 09:00am NA C **Sampled by** Customer

Satellite Received Temp 2.6 C **Iced (Y/N):** Y
Received Date/Time/Temp 04/12/16 04:30pm 2.5 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst

PIN: 17237 Serial Number: 5529582

Eurofins QC, Inc.

Analytical Report

Printed 05/25/16 09:25

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6129363-2	BTR 001 COMP	04/12/16 09:00am NA C	Customer

Satellite Received Temp 2.6 C **Iced (Y/N):** Y
Received Date/Time/Temp 04/12/16 04:30pm 2.5 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Nitrate/nitrite, total as N (Delaware)	2.06		mg/l	EPA 300.0	10	0.500	04/12/16 07:24PM SLD
GENERAL CHEMISTRY							
Kjeldahl nitrogen, as N (Delaware)	0.465		mg/l	EPA 351.2	1	0.200	04/18/16 11:30AM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	04/18/16 11:30AM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	04/14/16 10:38AM ALW

PIN: 17237 Serial Number: 5529582

DEFINITIONS

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MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
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>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
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N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
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P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

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- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

21318/1650682/8333445 21318/269964

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340 L612936 3

Lab# Client Code	Sampler Anthony Phillips 3001
Client Name/Phone/FAX Maryland Environmental Service	Project Name **BTR WWTP (Monthly)**
Client Address	Project Number 2559-2085-1700
Invoice Address	Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BD-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	4.12.16	0900	BOD, TSS
BD-2	↓	Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	4-12-16	0855	N+N, TKN, NH3, TP
BD-3	↓	Monthly Grab	1 Liter Glass H2S04	WW	1	4.12.16	0902	Oil and Grease
BD-4	↓	Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	4.12.16 ~~4-12-16~~	0904	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

Transferred by: [signature]	Received by: [signature]	Date 4-12-16	Time 11:05	Cooler Receipt Information (LAB USE ONLY) Sufficient ice? (Yes)/No If No, temp.= 2.6
Transferred by: [signature]	Received by: [signature]	Date 4/13/16	Time 14:54	Sample containers pres'd? (Yes)/No If No, explain Custody Seal present/intact? - Yes/No
Transferred by: [signature]	Received by: [signature]	Date 4/13/16	Time 16:30	Initials: Date:

[signature] 4/13/16 12:00 Cooler # 1726

2.6 4/13/16 1830 [signature]

rec'd by [signature] 4-14-16 @ 1230

#___ Ascorbic/HCl Vials #3 HCl Vials
#___ $Na_2S_2O_3$
#___ Na OH/Zn acetate pH___
#___ HNO_3 pH___
#1 H_2SO_4 pH <2 only
#___ NaOH pH___
#___ Unpreserved___
#___ Hcl pH___
#___ NH4Cl___
2.6 [initials]

01/2014

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 142839

Group Number(s): 1650682

Client: QC

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	04/14/2016 12:30
Number of Packages:	1	Number of Projects:	11

Arrival Condition Summary

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

Unpacked by Joseph Huber (7831) at 13:41 on 04/14/2016

Samples Chilled Details

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

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	4.4	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

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

Page 6 of 7

Eurofins QC, Inc.

1205 Industrial Highway, Southampton, PA 18966

DELAWARE-SOUTHAMPTON

Inter-Laboratory Transport Form: DS041116

Coolers for Transport

To be completed by person sealing coolers					Complete Section Upon Delivery	
Cooler ID No.	Custody Seal No.	Date	Time	Initials	Temp °C	Iced Y/N
26	041316-1	4/13/16	14:30	REP	2.5	Y
500	041316-2	4/13/16	14:45	PD	1.2	Y
89	041316-3	4/13/16	16:40	PD	2.3	Y

Please Note the Following:

Individual sample chains of custody must accompany this form.

Once a cooler is sealed, custody seals may not be broken until samples are received at the designated EQC laboratory.

BIOASSAY Cooler # 89
" " # 26

Laboratory use only

Custody Seals intact upon receipt? (Y)/ N Initials: MS

List ID of any seal found broken upon receipt below:

A full legal signature is required. Record all times in military time (24-HR Clock; 4:00 PM=1600)

Relinquished by:	Date:	Time:		Received by:	Date:	Time:
[signature]	4/13/16	16:40		MF	4-13-16	16:40
Relinquished by: MF	Date: 4-13-16	Time: 18:30		Received by: [signature]	Date: 4/13/16	Time: 1830
Relinquished by:	Date:	Time:		Received by:	Date:	Time:
Relinquished by:	Date:	Time:		Received by:	Date:	Time:

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Analysis Report

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

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Eurofins QC Laboratories
1205 Industrial Blvd.
P.O. Box 514
Southampton, PA 18966-0514

Report Date: April 29, 2016

Project: L6129363

Submittal Date: 04/14/2016
Group Number: 1650682
PO Number: L6129363
State of Sample Origin: MD

Client Sample Description	Lancaster Labs (LL) #
L6129363-1 Grab Wastewater	8333445

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

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

Electronic Copy To	MARYLAND ENVIRONMENTAL - QCLabs	Attn: Ruth Pyle
Electronic Copy To	Eurofins QC Laboratories	Attn: Michelle Jadico
Electronic Copy To	Eurofins QC Laboratories	Attn: Ray Fratti
Electronic Copy To	Eurofins QC Laboratories	Attn: Nicki Smith

Respectfully Submitted,

Ruth Pyle
Manager

(302) 266-9121

Sample Description: L6129363-1 Grab Wastewater
L6129363

LL Sample # WW 8333445
LL Group # 1650682
Account # 21318

Project Name: L6129363

Collected: 04/12/2016 09:00 by AP

Submitted: 04/14/2016 12:30
Reported: 04/29/2016 20:18

Eurofins QC Laboratories
1205 Industrial Blvd.
P.O. Box 514
Southampton, PA 18966-0514

29363

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	EPA 624		ug/l	ug/l	ug/l	
10371	Tetrachloroethene	127-18-4	N.D.	0.5	1	1
10371	1,1,1-Trichloroethane	71-55-6	N.D.	0.5	1	1
10371	Trichloroethene	79-01-6	N.D.	0.5	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	M161121AA	04/21/2016 21:48	Linda C Pape	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1650682
Reported: 04/29/2016 20:18

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

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

Method Blank

Analysis Name	Result	MDL**	LOQ
	ug/l	ug/l	ug/l
Batch number: M161121AA	Sample number(s): 8333445		
Tetrachloroethene	N.D.	0.5	1
1,1,1-Trichloroethane	N.D.	0.5	1
Trichloroethene	N.D.	0.5	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: M161121AA	Sample number(s): 8333445								
Tetrachloroethene	20	19.13			96		77-122		
1,1,1-Trichloroethane	20	19.66			98		72-120		
Trichloroethene	20	20.9			105		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: M161121AA	Sample number(s): 8333445 UNSPK: P334415									
Tetrachloroethene	N.D.	20	23.48	20	21.88	117	109	77-122	7	30
1,1,1-Trichloroethane	N.D.	20	24.37	20	23.2	122*	116	72-120	5	30
Trichloroethene	7.85	20	33.99	20	31.37	131*	118	80-120	8	30

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

Quality Control Summary

Client Name: Eurofins QC Laboratories Group Number: 1650682
Reported: 04/29/2016 20:18

Surrogate Quality Control

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

Analysis Name: VOCs- 5ml Water by 624
Batch number: M161121AA

	1,2-Dichloroethane-d4	Fluorobenzene	4-Bromofluorobenzene
8333445	100	101	104
Blank	104	97	82
LCS	104	106	97
MS	104	104	96
MSD	110	104	98
Limits:	78-118	88-107	80-118

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

21318/1656682/8333445 21318/2699964

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340 L6129363

Lab # Client Code

Sampler Anthony Phillips 3001

Client Name/Phone/FAX Maryland Environmental Service

Project Name BTR WWTP (Monthly)

Client Address

Project Number 2559-2085-1700

Invoice Address

Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BD-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	4-12-16	0900	BOD, TSS
BD-2		Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	4-12-16	0855	N+N, TKN, NH3, TP
BD-3		Monthly Grab	1 Liter Glass H2S04	WW	1	4-12-16	0902	Oil and Grease
BD-4		Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	4-12-16 4-12-16	0904	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

Transferred by: Received by: Date 4-12-16 Time 1105

Transferred by: Received by: Date 4/12/16 Time 0454

Transferred by: Received by: Date 4/12/16 Time 16:30

Cooler Receipt Information (LAB USE ONLY)

Sufficient ice? (Yes)/No If No, temp.= 2.6°

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

Custody Seal present/intact? - Yes/No

Initials: Date:

#___ Ascorbic/HCl Vials #3 HCl Vials

#___ $Na_2S_2O_3$

#___ Na OH/Zn acetate pH

#___ HNO_3 pH

#1 H_2SO_4 pH <2

#___ NaOH pH

#___ Unpreserved

#___ Hcl pH

#___ NH_4Cl

Cat-QRQC 4/13/16 12:00 Cooler # FT26

2-6 4/13/16 1830

Received by 4-14-16 @ 1230

01/2014

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Sample Administration Receipt Documentation Log

Doc Log ID: 142839

Group Number(s): 1650682

Client: QC

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	04/14/2016 12:30
Number of Packages:	1	Number of Projects:	11

Arrival Condition Summary

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

Unpacked by Joseph Huber (7831) at 13:41 on 04/14/2016

Samples Chilled Details

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

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	4.4	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T : 717-656-2300
F : 717-656-2681
www.LancasterLabs.com

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Explanation of Symbols and Abbreviations

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

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

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

Laboratory Data Qualifiers:

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

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

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

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

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

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

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

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Analytical Report

Serialized: 05/02/2016 10:36am DE36

Order Number:	L6195981
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	04-12-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6195981

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd . P.O. Box 514, Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 05/02/16 10:36 DE36

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

Order Number: L6195981
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 04-12-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6195981-1	BTR OUTFALL 001	04/12/16 09:08am NA C	Customer

Received Date/Time 04/12/16 01:20pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	1.0		MPN/100ml	SM 9223B			04/12/16 03:33PM SUB

Sample Comments | Result Qualifiers:

L6195981-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5475625

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037	
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011	
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670	
	FDA Reg #:	2515238			MD: 100	
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543	
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005	
East Rutherford	State ID:	NJ 02015				

L6195981

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 99663

Lab: _____

Project No. 2559-2085-1706

09/12/96

Facility Name (Source):	Black & Decker - BTR - WWTP			**Collectors ID #:** 3001-AP
Sample Location:	Final Outfall 001			
Bottle Numbers:	**Chem:**		**Bact:** BTR-2	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 4-12-16		**Time:** 0908	**Name:** Anthony Phillips
Sample Type:	**Drinking Water:**	**Effluent:** Final 001	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °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	4-12-16 333p	4-13-16 1043a	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by: [signature] Date 4-13-16

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]	4-12-16	11:05	[signature]	4-12-16	11:05
2	[signature]	4-12-16	1:20	[signature]	4-12-16	1:20p
3						
4						
5						
6						

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Analytical Report

Serialized: 05/02/2016 10:45am DE36

Order Number:	L6195979
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	04-12-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6195979

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd . P O Box 514. Southampton. PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 05/02/16 10:45 DE36

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

Order Number: L6195979
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 04-12-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID L6195979-1 **Sample Description** BTR OUTFALL 101
Received Date/Time 04/12/16 01:25pm

Samp. Date/Time/Temp Sampled by
04/12/16 09:04am NA C Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			04/12/16 03:34PM SUB

Sample Comments | Result Qualifiers:

L6195979-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5475703

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

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EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

L6199979

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 99662

Project No. 2559 2085 - 1700

09/12/96

Facility Name (Source):	Black & Decker - BTR-WWTP			Collectors ID #: 3001-AP
Sample Location:	Final 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: 4-12-16		Time: 0904	Name: Anty Phillips
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	4-12-16 334p	4-13-16 1043a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced VSP
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 4-13-16

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]	4-12-16	11:05	[signature]	4-12-16	11:05
2	[signature]	4-12-16	1:20	[signature]	4-12-16	1:20p
3						
4						
5						
6						

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Analytical Report

Serialized: 05/13/2016 12:26pm DE36

Order Number:	L6242682
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	05-03-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6242682

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd . P O Box 514, Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 05/13/16 12:26 DE36

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

Order Number: L6242682
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 05-03-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6242682-1 BTR OUTFALL 001 05/03/16 09:24am NA C Customer
Received Date/Time 05/03/16 00:00pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			05/03/16 02:58PM SUB

Sample Comments | Result Qualifiers:

L6242682-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
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		Q	Defined in report or case narrative or data package
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- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
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- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037	
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011	
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670	
	FDA Reg #:	2515238			MD: 100	
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543	
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005	
East Rutherford	State ID:	NJ 02015				

L62426B2

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 99988

09/12/96

Project No 2559 - 2085 - 170

Facility Name (Source):	Black & Decker - BTR - WWTP			**Collectors ID #:** 3001 AP
Sample Location:	OUTFALL - 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:** 5-3-2016		**Time:** 0924	**Name:** Anthony Phillips
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	21.0	MPN/100ml	5-3-16 258p	5-4-16 1040a	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by: A. Mun Date 5-5-16

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		5-3-2016	11:10		5-3-16	11:10
2		5-3-2016	1:15		5-3-16	115p
3						
4						
5						
6						

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Analytical Report

Serialized: 06/08/2016 04:06pm DE36

Order Number:	L6177771
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	05-10-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6177771

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

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Eurofins QC, Inc.

Analytical Report

Printed 06/08/16 16:06 DE36

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

Order Number: L6177771
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 05-10-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6177771-1	BTR 001 GRAB	05/10/16 09:26am NA C	Customer

Satellite Received Temp 3.6 C **Iced (Y/N):** Y
Received Date/Time/Temp 05/10/16 04:30pm 3.6 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Hexane Ext. Material-HEM (oil+grease)	ND		mg/l	1664B HEM	1	5.00	05/18/16 02:12PM JEM
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	8.80		mg/l	SM 2540D	1	4.00	05/12/16 09:04AM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	6.00	Q	mg/l	SM 5210B	3	3.00	05/11/16 08:40AM SKJ
GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES (EUROFINS LANCASTER)							
1,1,1-Trichloroethane	ND	U	ug/l	EPA 624	1	1	05/13/16 10:47PM LCP
Tetrachloroethene	ND	U	ug/l	EPA 624	1	1	05/13/16 10:47PM LCP
Trichloroethene	ND	U	ug/l	EPA 624	1	1	05/13/16 10:47PM LCP

PIN: 17237 Serial Number: 5568562

Eurofins QC, Inc.

Analytical Report

Printed 06/08/16 16:06

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6177771-2	BTR 001 COMP	05/10/16 08:59am NA C	Customer

Satellite Received Temp 3.6 C **Iced (Y/N):** Y
Received Date/Time/Temp 05/10/16 04:30pm 3.6 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY							
Nitrate/nitrite, total as N (Delaware)	1.52		mg/l	EPA 300.0	10	0.500	05/12/16 11:54PM ALW
Kjeldahl nitrogen, as N (Delaware)	0.732		mg/l	EPA 351.2	1	0.200	05/16/16 01:18PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	05/16/16 01:18PM ALW
Ammonia, as N (Delaware)	0.315		mg/l	SM 4500NH3-G	1	0.200	05/12/16 12:05PM ALW

Sample Comments | Result Qualifiers:

L6177771-1 :
Q: For BOD method SM5210B, the nutrient blank dissolved oxygen depletion was 0.32 mg/l, above the method criteria of <0.20 mg/l.

U = ND evaluated at the RL or MDL, when shown.

PIN: 17237 Serial Number: 5568562

DEFINITIONS

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CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
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	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011	
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670	
	FDA Reg #:	2515238			MD: 100	
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543	
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005	
East Rutherford	State ID:	NJ 02015				

21318 | 269964

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

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

1617771

Lab # Client Code	Sampler Anthony Phillips 3001
Client Name/Phone/FAX Maryland Environmental Service	Project Name **BTR WWTP (Monthly)**
Client Address	Project Number 2559-2085-1700
Invoice Address	Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	5-10-16	0926	BOD, TSS
BTR-2	↓	Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	5-10-16	0859	N+N, TKN, NH3, TP
BTR-3	↓	Monthly Grab	1 Liter Glass H2S04	WW	1	5-10-16	0922	Oil and Grease
BTR-4	↓	Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	5-10-16	0924	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

Transferred by: [signature]	Received by: [signature]	Date 5-10-16	Time 11:25
Transferred by: [signature]	Received by: [signature]	Date 5/10/16	Time 1452
Transferred by: [signature]	Received by: [signature]	Date 5/10/16	Time 16:30

Cooler Receipt Information **(LAB USE ONLY)**
Sufficient ice? (Yes)/No If No, temp.= 3.6°c RODEICCD
Sample containers pres'd? - (Yes)/No If No, explain
Custody Seal present/intact? - Yes/No

Initials: Date:

#___ Ascorbic/HCl Vials #3 HCl Vials
#___ $Na_2S_2O_3$
#___ Na OH/Zn acetate pH___
#___ HNO_3 pH___
#1 H_2SO_4 pH <2 DRM
#___ NaOH pH___
#___ Unpreserved___
#___ Hcl pH___
#___ NH4Cl
3.6 mm/ [illegible]

Rec'd [signature] 5/10/16 17:00 Cooler #49 624/O&G
49 5/10/16 1915 [signature]

01/2014

Eurofins QC, Inc.

1205 Industrial Highway, Southampton, PA 18966

DELAWARE-SOUTHAMPTON

Inter-Laboratory Transport Form: DS051016

Coolers for Transport

To be completed by person sealing coolers					Complete Section Upon Delivery	
Cooler ID No.	Custody Seal No.	Date	Time	Initials	Temp °C	Iced Y/N
208	051016 1	5/10/16	17:10	[illegible]	2.4	Y
01	051016-2	5/10/16	1510	[illegible]	1.6	Y
49	051016-3	5/10/16	17:20	[illegible]	3.6	Y

Please Note the Following:

Individual sample chains of custody must accompany this form.

Once a cooler is sealed, custody seals may not be broken until samples are received at the designated EQC laboratory.

Laboratory use only

Custody Seals intact upon receipt? Y / N Initials: MRJ

List ID of any seal found broken upon receipt below:

A full legal signature is required. Record all times in military time (24-HR Clock; 4:00 PM=1600)

Relinquished by:	Date:	Time:		Received by:	Date:	Time:
[signature]	5/10/16	17:20		[signature]	5-10-16	17:20
Relinquished by: [signature]	Date: 5-10-16	Time: 19:05		Received by: [signature]	Date: 5/10/16	Time: 1905
Relinquished by:	Date:	Time:		Received by:	Date:	Time:
Relinquished by:	Date:	Time:		Received by:	Date:	Time:

Page 1 of 1

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Analytical Report

Serialized: 06/03/2016 10:40am DE36

Order Number:	L6273458
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	05-10-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6273458

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

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Eurofins QC, Inc.

Analytical Report

Printed 06/03/16 10:40 DE36

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

Order Number: L6273458
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 05-10-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6273458-1 BTR 001 05/10/16 09:25am NA C Customer
Received Date/Time 05/10/16 03:00pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	8.7		MPN/100ml	SM 9223B			05/10/16 02:39PM SUB

Sample Comments | Result Qualifiers:

L6273458-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5549822

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:			PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223				NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206				NY: 10670
	FDA Reg #:	2515238				MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:		PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:		NJ 06005
East Rutherford	State ID:	NJ 02015				

1627345B

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 100099

Project No. 2559 – 2085-1700

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			**Collectors ID #:** 3001-AP
Sample Location:	Final 001			
Bottle Numbers:	**Chem:**		**Bact:** BTR-5	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 5-10-16		**Time:** 0925	**Name:** Anthony Phillips
Sample Type:	**Drinking Water:**	**Effluent:** Final 001	**Influent:**	**Other:**
Field Tests:	**pH:**	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** °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	8.7	MPN/100ml	5-10-16 239p	5-11-16 1045a	JS

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced EP
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 Donna A. Marino Date 5-12-16

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		5-10-16	11:25		5-10-16	1125
2		5-10-16	2:00		5-10-16	2pm
3						
4						
5						
6						

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Analytical Report

Serialized: 06/03/2016 10:37am DE36

Order Number:	L6273457
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	05-10-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6273457

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

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Eurofins QC, Inc.

Analytical Report

Printed 06/03/16 10:37 DE36

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

Order Number: L6273457
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 05-10-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID L6273457-1 **Sample Description** BTR 101
Received Date/Time 05/10/16 02:00pm

Samp. Date/Time/Temp 05/10/16 09:08am NA C **Sampled by** Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			05/10/16 02:38PM SUB

Sample Comments | Result Qualifiers:

L6273457-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5549782

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

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- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

C6273457

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 100700

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			Collectors ID #: 3001-AP
Sample Location:	Final -101- Grab			
Bottle Numbers:	Chem:		Bact: BTR-6	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 5-10-16		Time: 0908	Name: Amy Phillips
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	5-10-16 238p	5-11-16 1045a	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: A. Mui Date 5-12-16

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		5-10-16	11:25		5-10-16	11:25
2		5-10-16	2:00		5-10-16	2pm
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5						
6						

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Analytical Report

Serialized: 06/03/2016 10:33am DE36

Order Number:	L6273653
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	05-17-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6273653

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

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Eurofins QC, Inc.

Analytical Report

Printed 06/03/16 10:33 DE36

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

Order Number: L6273653
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 05-17-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp Sampled by**
L6273653-1 BTR 101 05/17/16 09:55am NA C Customer
Received Date/Time 05/17/16 12:48pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			05/17/16 02:10PM SUB

Sample Comments | Result Qualifiers:

L6273653-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5549742

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

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

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

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- All samples are collected as "grab" samples unless otherwise identified.
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- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

L6273653

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 100214

Project No. 2559 - 2085-1700

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			Collectors ID #:
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: 5-17-16		Time: 0955	Name: Keith White
Sample Type:	Drinking Water:	Effluent: Final 101	Influent:	Other:
Field Tests:	pH: 7.12	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (Y / n)	Total: 2.7 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	5-17-16 210p	5-18-16 1100a	DO

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by A. M. Date 5-19-16

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	Keith White	05-17-16	11:00	[signature]	5-17-16	11:00
2	[signature]	5-17-16	12:48	[signature]	5-17-16	12:48
3						
4						
5						
6						

Maryland Environmental Service
Water Quality Data Sheet

Lab: CBL

Lab ID No. 100322

09/12/96

Project No. 2559 – 2085.170

Facility Name (Source):	Black & Decker (BTR) WWTP			**Collectors ID #:** 3 or TA?
Sample Location:	Final 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:** 5-24-16		**Time:** 0707	**Name:** Antyphillis
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	21.0	MPN/100ml	5-24-16 1530	5-25-16 1030	DD

* Please make sure method utilized is circled or written

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

Comments:

Reviewed by_____ Date 5-26-16

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		5-24-16	11:20		5-24-16	11:20
2		5-24-16	1:19		5-24-16	1:19
3						
4						
5						
6						

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Analytical Report

Serialized: 06/14/2016 05:25pm DE36

Order Number:	L6308689
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-01-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6308689

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd , P O Box 514, Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax: 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 06/14/16 17:25 DE36

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

Order Number: L6308689
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-01-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID L6308689-1 **Sample Description** BTR 101
Received Date/Time 06/01/16 12:43pm
Samp. Date/Time/Temp 06/01/16 09:13am NA C **Sampled by** Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	1.0		MPN/100ml	SM 9223B			06/01/16 02:47PM SUB

Sample Comments | Result Qualifiers:

L6308689-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5587073

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

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- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
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- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:			PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223				NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206				NY: 10670
	FDA Reg #:	2515238				MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:		PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:		NJ 06005
East Rutherford	State ID:	NJ 02015				

U4308189

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 100438

Project No. 2559 -2085-17DE

09/12/96

Facility Name (Source):	Black & Decker-BTR-WWTP			Collectors ID #: 3001 AP
Sample Location:	Outfall-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: 6-1-16		Time: 0913	Name: Anthy Phillips
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	6-1-16 247p	6-2-16 1115a	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by A. Mori Date 6-2-16

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]	6-1-16	11:10	[signature] Johnson	6/1/16	11:10
2	[signature] Johnson	6/1/16	12:43	[signature]	6-1-16	12:43
3						
4						
5						
6						

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Analytical Report

Serialized: 06/17/2016 09:33am DE36

Order Number:	L6319913
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-07-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6319913

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

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Eurofins QC, Inc.

Analytical Report

Printed 06/17/16 09:33 DE36

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

Order Number: L6319913
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-07-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341
PWSID No:

Sample ID L6319913-1
Sample Description BTR OUTFALL 001
Received Date/Time 06/07/16 02:30pm

Samp. Date/Time/Temp 06/07/16 09:23am NA C
Sampled by Customer

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	19.2		MPN/100ml	SM 9223B			06/07/16 03:10PM SUB

Sample Comments | Result Qualifiers:

L6319913-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
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NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
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Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

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- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:			PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223				NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206				NY: 10670
	FDA Reg #:	2515238				MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:		PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:		NJ 06005
East Rutherford	State ID:	NJ 02015				

LB19913

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 10054 1

Project No. 2559 – 2085-1100

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			**Collectors ID #:** 5514-BM
Sample Location:	Outfall 001			
Bottle Numbers:	**Chem:**		**Bact:** BTR-5	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 6-7-16		**Time:** 0923	**Name:** Brian Musselman
Sample Type:	**Drinking Water:**	**Effluent:** Final	**Influent:**	**Other:**
Field Tests:	**pH:** 7.51	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** 25.0 °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	19.2	MPN/100ml	6-7-16 310p	6-8-16 1100a	DD

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced VPC
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 6-9-16

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	BMM	6-7-16	11:35	JPR	6-7-16	11:35
2	JPR	6-7-16	2:30	[illegible]	6-7-16	233p
3						
4						
5						
6						

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Analytical Report

Serialized: 06/21/2016 03:03pm DE36

Order Number:	L6254665
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-07-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6254665

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 · Phone: 215-355-3900 · Toll Free: 800-289-8378 · Fax: 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 06/21/16 15:03 DE36

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

Order Number: L6254665
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-07-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6254665-1	BTR 001 GRAB	06/07/16 09:19am NA C	Customer

Satellite Received Temp 1.7 C **Iced (Y/N):** Y
Received Date/Time/Temp 06/07/16 04:20pm 0.6 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Hexane Ext. Material-HEM (oil+grease)	ND		mg/l	1664B HEM		5.00	06/10/16 02:22PM JEM
GENERAL CHEMISTRY							
Total Suspended Solids (Delaware)	10.8		mg/l	SM 2540D	1	4.00	06/11/16 03:24PM MS3
Biochemical Oxygen Demand, 5 Day (Del.)	7.00		mg/l	SM 5210B	1.5	2.00	06/08/16 11:50AM SKJ
GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES (EUROFINS LANCASTER)							
1,1,1-Trichloroethane	ND	U	ug/l	EPA 624	1	1	06/15/16 04:30AM JSH
Tetrachloroethene	ND	U	ug/l	EPA 624	1	1	06/15/16 04:30AM JSH
Trichloroethene	ND	U	ug/l	EPA 624	1	1	06/15/16 04:30AM JSH

PIN: 17237 Serial Number: 5619843

Eurofins QC, Inc.

Analytical Report

Printed 06/21/16 15:03

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

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L6254665-2	BTR 001 COMP	06/07/16 09:16am NA C	Customer

Received Date/Time 06/07/16 04:20pm

Satellite Received Temp 1.7 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GENERAL CHEMISTRY (EUROFINS LANCASTER)							
Nitrate/nitrite, total as N (Delaware)	1.83		mg/l	EPA 300.0	10	0.500	06/08/16 07:36AM SLD
GENERAL CHEMISTRY							
Kjeldahl nitrogen, as N (Delaware)	0.668		mg/l	EPA 351.2	1	0.200	06/10/16 12:05PM ALW
Phosphorus total as P (Delaware)	ND		mg/l	EPA 365.4	1	0.0500	06/10/16 12:05PM ALW
Ammonia, as N (Delaware)	ND		mg/l	SM 4500NH3-G	1	0.200	06/09/16 12:07PM ALW

Sample Comments | Result Qualifiers:

L6254665-1 :

U = ND evaluated at the RL or MDL, when shown.

PIN: 17237 Serial Number: 5619843

DEFINITIONS

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	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011	
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670	
	FDA Reg #:	2515238			MD: 100	
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543	
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005	
East Rutherford	State ID:	NJ 02015				

21318/269964 G: 166973

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 529 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340 L62J4665

Lab # Client Code

Sampler Brian Musselman 5514

Client Name/Phone/FAX Maryland Environmental Service

Project Name **BTR WWTP (Monthly)**

Client Address

Project Number 2559-2085-1700

Invoice Address

Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BTR-1	BTR 001	Monthly Grab	1 Liter Plastic Unpreserved	WW	1	6-7-16	0919	BOD, TSS
BTR-2	↓	Monthly 8 hr Comp	250 ml Plastic H2S04	WW	1	6-7-16	0916	N+N, TKN, NH3, TP
BTR-3	↓	Monthly Grab	1 Liter Glass H2S04	WW	1	6-7-16	0920	Oil and Grease
BTR-4	↓	Monthly Grab	40ml Glass VOA Vial, HCl	WW	3	6-7-16	0921	1,1,1-Trichloroethane, Tetrachloro-ethylene, Trichloroethene MDE Table I VOC's - EPA 624

Transferred by:	Received by:	Date	Time
Transferred by: B. M[illegible]	Received by: [signature]	6-7-16	11:3[illegible]
Transferred by: [signature]	Received by: [signature]	6/7/16	1531
Transferred by: [signature]	Received by: [signature]	6/7/16	

Cooler Receipt Information (LAB USE ONLY)

Sufficient Ice? - Yes/No If No, temp.= ________

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

Custody Seal present/intact? - Yes/No

Initials:________ Date:________

[signature] 6/7/16 DR/[illegible] Cooler #8 18:10

Cooler #8 6/7/16 [signature] 14:05

[signature] 6.8[illegible] /1220

#____ Ascorbic/HCl Vials # 3 HCl Vials

#____ $Na_2S_2O_3$____

#____ Na OH/Zn acetate pH____

#____ HNO_3 pH____

1 H_2SO_4 pH ≤2 [illegible] AM

#____ NaOH pH____

#____ Unpreserved____

#____ Hcl pH____

#____ NH4Cl____

01/2014

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 149454

Group Number(s): 1669713

Client: Eurofins QC

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	06/08/2016 12:20
Number of Packages:	1	Number of Projects:	10

Arrival Condition Summary

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

Unpacked by Timothy Cubberley (6520) at 13:32 on 06/08/2016

Samples Chilled Details

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

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT131	2.8	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Eurofins QC, Inc.

1205 Industrial Highway, Southampton, PA 18966

DELAWARE-SOUTHAMPTON

Inter-Laboratory Transport Form: DS060716

Coolers for Transport

To be completed by person sealing coolers					Complete Section Upon Delivery	
Cooler ID No.	Custody Seal No.	Date	Time	Initials	Temp °C	Iced Y/N
N4J	060716-1	6-7-16	14:00	[illegible]	0.4	Y
Box1	060716-2	6/7/16	11:00	REP	22.7	N
Box2	060716-3	6/7/16	11:00	REP	22.3	N
8	060716-4	6-7-16	1830	[illegible]	0.6	Y
1973	060716-5	6/7/16	1830	[illegible]	2.5	N

Please Note the Following:

Individual sample chains of custody must accompany this form.

Once a cooler is sealed, custody seals may not be broken until samples are received at the designated EQC laboratory.

MBAS cooler # N4J

Rush Metals cooler # N4J

Box 1 goes to Lancaster

Laboratory use only

Custody Seals intact upon receipt? (Y) N Initials: CJB

List ID of any seal found broken upon receipt below:

A full legal signature is required. Record all times in military time (24-HR Clock; 4:00 PM=1600)

Relinquished by:	Date:	Time:		Received by:	Date:	Time:
[signature]	6-7-16	18:45		[signature]	6-7-16	18:45
Relinquished by: [signature]	Date: 6-7-16	Time: 19:05		Received by: [signature]	Date: 6/7/16	Time: 19:05
Relinquished by:	Date:	Time:		Received by:	Date:	Time:
Relinquished by:	Date:	Time:		Received by:	Date:	Time:

eurofins | QC

Analytical Report

Serialized: 06/17/2016 09:38am DE36

Order Number:	L6319912
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-07-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6319912

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd , P O Box 514, Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 06/17/16 09:38 DE36

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

Order Number: L6319912
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-07-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6319912-1 D1-E COLI-MPN CEL 06/07/16 09:37am NA C Customer
Received Date/Time 06/07/16 02:30pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			06/07/16 03:13PM SUB

Sample Comments | Result Qualifiers:

L6319912-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5601122

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

L6319912

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 160537

Project No. 2559-2085-1700

09/12/96

Facility Name (Source):	Black & Decker (BTR) WWTP			**Collectors ID #:** 5514-BM
Sample Location:	Out Fall 101			
Bottle Numbers:	**Chem:**		**Bact:** BTR-6	**Total Bottles:** 1
Composite Sample Start	**Date:**		**Time:**	**Name:**
Composite Sample End	**Date:**		**Time:**	**Name:**
Grab Sample	**Date:** 6-7-16		**Time:** 0937	**Name:** Brian Mussel
Sample Type:	**Drinking Water:**	**Effluent:** Final	**Influent:**	**Other:**
Field Tests:	**pH:** 6.70	**DO:** mg/l	**Chlorine Residual:**	**Free:** mg/l
Flow:	mgd	**Temp:** 23.6 °C	**Before DeCl2** (Y) n	**Total:** 8.8 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	6-7-16 313p	6-8-16 1100a	DD

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced (JMC)
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 6-9-16

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	BMK	6-7-16	11:35	[signature]	6-7-16	11:35
2	[signature]	6-7-16	2:30	[signature]	6-7-16	230p
3						
4						
5						
6						

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Analytical Report

Serialized: 07/12/2016 10:16am DE36

Order Number:	L6363167
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-14-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6363167

NELAP ACCREDITED TNI LABORATORY

Authorized by: Raphael C. Fratti, Laboratory Director

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

Eurofins QC, Inc.

Analytical Report

Printed 07/12/16 10:16 DE36

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

Order Number: L6363167
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-14-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6363167-1 BTR OUTFALL 101 06/14/16 09:13am NA C Customer
Received Date/Time 06/14/16 02:05pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			06/14/16 02:31PM SUB

Sample Comments | Result Qualifiers:

L6363167-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5680024

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
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- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:		PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223			NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

U363167

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 100640

Lab: _____

Project No. 2559 - 2085 1700

09/12/96

Facility Name (Source):	Black & Decker - BTR - WWTP			Collectors ID #: 3001 AP
Sample Location:	OutFall - 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: 6-14-2016		Time: 0913	Name: A. Phillips
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	21.0	MPN/100ml	6/14/16 2314	6/15/16 1100	JS

* Please make sure method utilized is circled or written

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

Comments:

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

Reviewed by: A. [illegible] Date 6-16-16

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	[signature]	6-14-16	11:15	[signature]	6-14-16	11:15
2	[signature]	6-14-16	2:05	[signature]	6-14-16	2015
3						
4						
5						
6						

eurofins | QC

Analytical Report

Serialized: 07/12/2016 10:27am DE36

Order Number:	L6363175
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-21-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6363175

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

Eurofins QC, Inc.

Analytical Report

Printed 07/12/16 10:27 DE36

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

Order Number: L6363175
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-21-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6363175-1 BTR 101 06/21/16 09:10am NA C Customer
Received Date/Time 06/21/16 01:28pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			06/21/16 02:26PM SUB

Sample Comments | Result Qualifiers:

L6363175-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5680142

DEFINITIONS

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MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
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B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
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		Q	Defined in report or case narrative or data package
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	State IDs:	CT PH-0768; DE PA-018; MD 206			NY: 10670
	FDA Reg #:	2515238			MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:	PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:	NJ 06005
East Rutherford	State ID:	NJ 02015			

U436375

Maryland Environmental Service
Water Quality Data Sheet

Lab: CEL

Lab ID No. 100740

Project No. 2559 - 20851700

09/12/96

Facility Name (Source):	Black & Decker - BTR-WWTP			**Collectors ID #:** 3001-AP	
Sample Location:	Final-outfall-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:** 6-21-2016		**Time:** 0910	**Name:** Anthy Phillips	
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)** (y circled)	**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 (circled)/ 9221F	<1.0	MPN/100ml	6-21-16 224p	6-22-16 1120a	DD

* Please make sure method utilized is circled or written

Preservatives:
1. None
2. None – iced (circled)
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 6-23-16

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]	6-21-16	11:15	[signature]	6/21/16	11:15
2	[signature]	6-21-16	1:28	[signature]	6-21-16	1:28p
3						
4						
5						
6						

eurofins | QC

Analytical Report

Serialized: 07/12/2016 10:13am DE36

Order Number:	L6363644
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	06-28-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6363644

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd . P O Box 514. Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 07/12/16 10:13 DE36

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

Order Number: L6363644
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 06-28-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

Sample ID **Sample Description** **Samp. Date/Time/Temp** **Sampled by**
L6363644-1 BTR 101 06/28/16 09:50am NA C Customer
Received Date/Time 06/28/16 12:45pm

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
ENVIRONMENTAL MICROBIOLOGY							
E. Coli, MPN Cel(Delaware)	<1.0		MPN/100ml	SM 9223B			06/28/16 02:32PM SUB

Sample Comments | Result Qualifiers:

L6363644-1 :
E. coli was an analyzed by Chesapeake Environmental Lab, Inc in Stevensville, MD.

PIN: 17237 Serial Number: 5680002

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	**Organics:** Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:			PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223				NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206				NY: 10670
	FDA Reg #:	2515238				MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:		PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:		NJ 06005
East Rutherford	State ID:	NJ 02015				

W363644

[ ] MCI–Hagerstown

[✓] Other CEL

09/12/96

Maryland Environmental Service
Water Quality Data Sheet

Lab ID No. 100822

Project No. ______–______

Facility Name (Source):	Black & Decker (BTR) WWTP			Collectors ID #:
Sample Location:	final 101			
Bottle Numbers:	Chem:		Bact: CD 6-28-16 #1	Total Bottles: 1
Composite Sample Start	Date:		Time:	Name:
Composite Sample End	Date:		Time:	Name:
Grab Sample	Date: 6-28-16		Time: 0950	Name: Chris Dallas
Sample Type:	Water:	Effluent: ✓	Influent:	Other:
Field Tests:	pH: su	DO: mg/l	Chlorine Residual:	Free: mg/l
Flow:	mgd	Temp: °C	Before DeCl2 (y/n)	Total: 1.1 mg/l

Pres.	Analysis	Method	Result	Test Start D/T	Test End D/T	Tech
	BOD5	EPA 405.1	mg/L			
	TSS	EPA 160.2	mg/L			
	TDS	EPA 160.1	mg/L			
	TS	EPA 160.3	mg/L			
	Chloride	EPA 325.3	mg/L			
	NO3	EPA 352.1	mg/L			
	NO2+NO3	EPA 353.2	mg/L			
	TKN	EPA 351.3	mg/L			
	NH3	EPA 350.2	mg/L			
	Organic N	Calc (TKN–NH3)	mg/L			
	Total P	EPA 365.3	mg/L			
	Ortho P	EPA 365.3	mg/L			
2	E. COLI	SM9223B/9221F	<1.0	6-28-16 232p	6-29-16 1145a	JS
	Total Coliform	SM 9221–B / D				
	Fecal Coliform	SM 9221–C	MPN			

Preservatives:
1. ~~None~~
2. None – iced (circled) ✓ EJ
3. ~~2ml H2SO4/liter iced~~
4. 5ml HNO3/liter iced
5. Other______

Comments:

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

Reviewed by [signature] Date 6-30-16

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:

	Name:	Date:	Time:	Name:	Date:	Time:
1	Chris Dallas	6-28-16	11:00	Irvin Johnson	6/28/16	11:00
2	Irvin Johnson	6/28/16	12:45	[signature]	6-28-16	12:48
3						

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Analytical Report

Serialized: 05/31/2016 07:25pm DE36

Order Number:	L6195990
Project Name:	BTR HAMPSTEAD WWTP
Receive Date:	04-26-2016
Client Code:	MES_A
Project Location:	BTR HAMPSTEAD WWTP

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

PROJECT ID:

AL0341 BTR WWTP

LABORATORY REPORT NUMBER:

L6195990

NELAP ACCREDITED TNI LABORATORY

Raphael C. Fratti

Authorized by: Raphael C. Fratti, Laboratory Director

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

1205 Industrial Blvd , P O Box 514, Southampton, PA 18966-0514 · Phone 215-355-3900 · Toll Free 800-289-8378 · Fax: 215-355-7231 · www.qclaboratories.com

Eurofins QC, Inc.

Analytical Report

Printed 05/31/16 19:25 DE36

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

Order Number: L6195990
Project Name: BTR HAMPSTEAD WWTP
Receive Date: 04-26-2016
Client Code: MES_A
Project Location: BTR HAMPSTEAD WWTP

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

P.O. No:

Inv. No: MES_AL0341
PWSID No:

Sample ID L6195990-1 **Sample Description** BTR 201
Samp. Date/Time/Temp 04/26/16 09:50am NA C **Sampled by** Customer
Received Date/Time/Temp 04/26/16 04:30pm 4.1 C **Iced (Y/N):** Y

Parameter	Result	Qual	Units	Method	DF	RL	Test Date, Time, Analyst
GAS CHROMATOGRAPHY MASS SPECTROMETRY; VOLATILES (EUROFINS LANCASTER)							
1,1,1-Trichloroethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,1,2,2-Tetrachloroethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,1,2-Trichloroethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,1-Dichloroethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,1-Dichloroethene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,2-Dichlorobenzene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,2-Dichloroethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,2-Dichloropropane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,3-Dichlorobenzene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
1,4-Dichlorobenzene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
2-Chloroethyl vinyl ether	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Benzene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Bromodichloromethane	15		ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Bromoform	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Bromomethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Carbon tetrachloride	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Chlorobenzene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Chloroethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Chloroform	50		ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Chloromethane	1	J	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
cis-1,3-Dichloropropene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Dibromochloromethane	2		ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Ethylbenzene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Methylene chloride	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Tetrachloroethene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Toluene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
trans-1,2-Dichloroethene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
trans-1,3-Dichloropropene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Trichloroethene	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Trichlorofluoromethane	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY
Vinyl chloride	ND	U	ug/l	EPA 624	1	1	05/02/16 12:55AM HY

PIN: 17237

Serial Number: 5540973

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

Sample Comments | Result Qualifiers:

L6195990-1 :

U = ND evaluated at the RL or MDL, when shown.

DEFINITIONS

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

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
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NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

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J	Estimated value ≥ MDL but < RL.	E	**Metals**: Estimated value due to presence of interference
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U	Analyte not detected above RL or MDL, when MDL reported.	E	**Microbiology**: estimated CFU count
N	Presumptive evidence of compound in library search	M	**Metals**: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	**Metals**: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

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- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EQC Accreditations

Southampton	EPA ID:	PA00018	**Eurofins, Lancaster**: Lab IDs:			PA 36-00037
	NELAP IDs:	PA 09-00131; NJ PA166; NY 11223				NJ: PA011
	State IDs:	CT PH-0768; DE PA-018; MD 206				NY: 10670
	FDA Reg #:	2515238				MD: 100
Delaware	State IDs:	DE 00011; MD 138	Reading	State ID:		PA 06-03543
Wind Gap	State IDs:	PA 48-01334; NJ PA001	Vineland	State ID:		NJ 06005
East Rutherford	State ID:	NJ 02015				

A - 21318 S-8352594

21318 | 271184

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

G-1654683

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

L619 5990

Lab # Client Code	Sampler Brian Musselman 5514
Client Name/Phone/FAX Maryland Environmental Service	Project Name BTR WWTP (Quarterly)
Client Address	Project Number 2559-2085-1700
Invoice Address	Sample Turnaround Time

Station No./ Sample ID	Station Location	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
BD042616	BTR 201	Quarterly Grab	40ml Glass VOA Vial, HCl	WW	3	4-26-16	0950	MDE Table 1 VOC's-EPA 624 Purgeables Full List

Transferred by:	Received by:	Date	Time	Cooler Receipt Information (LAB USE ONLY)
Transferred by: B M	Received by: [signature]	Date 4.26.16	Time 10:50	Sufficient Ice? - (Yes)/No If No, temp.= 4.1°C PODEICED
Transferred by: [signature]	Received by: [signature]	Date 4/26/16	Time 1226	Sample containers pres'd? - (Yes)/No If No, explain
Transferred by: [signature]	Received by: [signature]	Date 4/26/16	Time	Custody Seal present/intact? - Yes/No
				Initials: Date:

[signature] 4/26/16 16:30 Cooler #210

Kristin Abel 4/27/16 1240

01/2014

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 144398

Group Number(s):

Client: QC

1654683

Delivery and Receipt Information

Delivery Method:	EQCL Drop Off	Arrival Timestamp:	04/27/2016 12:40
Number of Packages:	1	Number of Projects:	11

Arrival Condition Summary

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

Unpacked by Krista Abel (3058) at 13:38 on 04/27/2016

Samples Chilled Details

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

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	32170023	1.1	IR	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T : 717-656-2300
F : 717-656-2681
www.LancasterLabs.com

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE (MAY 2016)

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: 500-111673-1
Client Project/Site: Black and Decker

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

Attn: Greg Flasinski

Authorized for release by:
5/27/2016 12:29:22 PM

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

Table of Contents

3

Job ID: 500-111673-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-111673-1

Comments
No additional comments.

Receipt
The samples were received on 5/17/2016 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.9° C.

GC/MS VOA
Method(s) 8260B: The MSD (matrix spike duplicate) in batch 336720 was analyzed 2 minutes outside the method specified 12 hour tune time.
EW-7 (500-111673-20)

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

Detection Summary

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

TestAmerica Job ID: 500-111673-1

4

Client Sample ID: RFW-1A — Lab Sample ID: 500-111673-1

No Detections.

Client Sample ID: RFW-1B — Lab Sample ID: 500-111673-2

No Detections.

Client Sample ID: RFW-2A — Lab Sample ID: 500-111673-3

No Detections.

Client Sample ID: RFW-2B — Lab Sample ID: 500-111673-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.61		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-3B — Lab Sample ID: 500-111673-5

No Detections.

Client Sample ID: RFW-4A — Lab Sample ID: 500-111673-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.85	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	27		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-4A Dup — Lab Sample ID: 500-111673-7

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
Trichloroethene	30		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-6 — Lab Sample ID: 500-111673-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.64	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	1.7		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.2		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-7 — Lab Sample ID: 500-111673-9

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

Client Sample ID: RFW-9 — Lab Sample ID: 500-111673-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	8.0		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	5.0		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: 500-111673-1

Client Sample ID: RFW-4B — Lab Sample ID: 500-111673-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroform	1.4		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	56		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	93		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-11B — Lab Sample ID: 500-111673-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.7		1.0	0.32	ug/L	1		8260B	Total/NA
Acetone	5.5		5.0	1.7	ug/L	1		8260B	Total/NA
Trichloroethene	2.3		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-12B — Lab Sample ID: 500-111673-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.80	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	51		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.4		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-13 — Lab Sample ID: 500-111673-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.99	J	1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	2.7		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	18		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: RFW-17 — Lab Sample ID: 500-111673-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.56		0.50	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-111673-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.60		0.50	0.18	ug/L	1		8260B	Total/NA
Styrene	0.77	J	1.0	0.39	ug/L	1		8260B	Total/NA

Client Sample ID: EW-3 — Lab Sample ID: 500-111673-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	33		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.3		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-5 — Lab Sample ID: 500-111673-18

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

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 500-111673-1

Client Sample ID: EW-6

Lab Sample ID: 500-111673-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.9		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	11		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7

Lab Sample ID: 500-111673-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.7		1.0	0.41	ug/L	1		8260B	Total/NA
Trichloroethene	3.7	F2	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	9.9	F1	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8

Lab Sample ID: 500-111673-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.85	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	8.0		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	77		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9

Lab Sample ID: 500-111673-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.53		0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	120		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-9 Dup

Lab Sample ID: 500-111673-23

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	120		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: EW-10

Lab Sample ID: 500-111673-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.2		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: 500-111673-1

Method	Method Description	Protocol	Laboratory
8260B	VOC	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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Sample Summary

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

TestAmerica Job ID: 500-111673-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-111673-1	RFW-1A	Water	05/14/16 07:20	05/17/16 10:20
500-111673-2	RFW-1B	Water	05/14/16 07:24	05/17/16 10:20
500-111673-3	RFW-2A	Water	05/14/16 11:05	05/17/16 10:20
500-111673-4	RFW-2B	Water	05/14/16 11:25	05/17/16 10:20
500-111673-5	RFW-3B	Water	05/14/16 12:40	05/17/16 10:20
500-111673-6	RFW-4A	Water	05/16/16 12:10	05/17/16 10:20
500-111673-7	RFW-4A Dup	Water	05/16/16 12:10	05/17/16 10:20
500-111673-8	RFW-6	Water	05/14/16 15:00	05/17/16 10:20
500-111673-9	RFW-7	Water	05/14/16 13:50	05/17/16 10:20
500-111673-10	RFW-9	Water	05/16/16 10:50	05/17/16 10:20
500-111673-11	RFW-4B	Water	05/16/16 12:20	05/17/16 10:20
500-111673-12	RFW-11B	Water	05/16/16 09:25	05/17/16 10:20
500-111673-13	RFW-12B	Water	05/16/16 13:30	05/17/16 10:20
500-111673-14	RFW-13	Water	05/16/16 08:10	05/17/16 10:20
500-111673-15	RFW-17	Water	05/14/16 10:05	05/17/16 10:20
500-111673-16	Trip Blank	Water	05/14/16 07:00	05/17/16 10:20
500-111673-17	EW-3	Water	05/16/16 09:20	05/17/16 10:20
500-111673-18	EW-5	Water	05/16/16 10:00	05/17/16 10:20
500-111673-19	EW-6	Water	05/14/16 15:20	05/17/16 10:20
500-111673-20	EW-7	Water	05/14/16 15:15	05/17/16 10:20
500-111673-21	EW-8	Water	05/14/16 15:10	05/17/16 10:20
500-111673-22	EW-9	Water	05/14/16 14:40	05/17/16 10:20
500-111673-23	EW-9 Dup	Water	05/14/16 14:40	05/17/16 10:20
500-111673-24	EW-10	Water	05/14/16 14:30	05/17/16 10:20

Client Sample ID: RFW-1A

Date Collected: 05/14/16 07:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-1

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			05/24/16 00:53	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 00:53	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 00:53	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 00:53	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 00:53	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 00:53	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 00:53	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 00:53	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 00:53	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 00:53	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 00:53	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 00:53	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 00:53	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 00:53	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 00:53	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 00:53	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 00:53	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 00:53	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 00:53	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 00:53	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 00:53	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 00:53	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 00:53	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 00:53	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 00:53	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 00:53	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 00:53	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 00:53	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 00:53	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 00:53	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 00:53	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 00:53	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 00:53	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 00:53	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 00:53	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 00:53	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 00:53	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 00:53	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 00:53	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 00:53	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 00:53	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 00:53	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 00:53	1

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

TestAmerica Job ID: 500-111673-1

Client Sample ID: RFW-1A
Date Collected: 05/14/16 07:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-1
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			05/24/16 00:53	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 00:53	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 00:53	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 00:53	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 00:53	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 00:53	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 00:53	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 00:53	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 00:53	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 00:53	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 00:53	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 00:53	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 00:53	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 00:53	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 00:53*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/24/16 00:53*	*1*
4-Bromofluorobenzene (Surr)	*94*		*71 - 120*		*05/24/16 00:53*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*05/24/16 00:53*	*1*

Client Sample ID: RFW-1B

Date Collected: 05/14/16 07:24
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-2

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			05/24/16 01:20	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 01:20	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 01:20	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 01:20	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 01:20	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 01:20	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 01:20	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 01:20	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 01:20	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 01:20	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 01:20	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 01:20	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 01:20	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 01:20	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 01:20	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 01:20	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 01:20	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 01:20	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 01:20	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 01:20	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 01:20	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 01:20	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 01:20	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 01:20	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 01:20	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 01:20	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 01:20	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 01:20	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 01:20	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 01:20	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 01:20	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 01:20	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 01:20	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 01:20	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 01:20	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 01:20	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 01:20	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 01:20	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 01:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 01:20	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 01:20	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 01:20	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 01:20	1

Client Sample ID: RFW-1B

Date Collected: 05/14/16 07:24
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-2

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			05/24/16 01:20	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 01:20	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 01:20	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 01:20	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 01:20	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 01:20	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 01:20	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 01:20	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 01:20	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 01:20	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 01:20	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 01:20	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 01:20	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 01:20	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/24/16 01:20*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 01:20*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 01:20*	*1*
Dibromofluoromethane	*91*		*70 - 120*		*05/24/16 01:20*	*1*

Client Sample ID: RFW-2A

Date Collected: 05/14/16 11:05
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-3

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			05/24/16 01:46	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 01:46	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 01:46	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 01:46	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 01:46	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 01:46	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 01:46	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 01:46	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 01:46	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 01:46	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 01:46	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 01:46	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 01:46	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 01:46	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 01:46	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 01:46	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 01:46	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 01:46	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 01:46	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 01:46	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 01:46	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 01:46	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 01:46	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 01:46	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 01:46	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 01:46	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 01:46	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 01:46	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 01:46	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 01:46	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 01:46	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 01:46	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 01:46	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 01:46	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 01:46	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 01:46	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 01:46	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 01:46	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 01:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 01:46	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 01:46	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 01:46	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 01:46	1

Client Sample ID: RFW-2A

Date Collected: 05/14/16 11:05
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-3

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			05/24/16 01:46	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 01:46	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 01:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 01:46	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 01:46	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 01:46	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 01:46	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 01:46	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 01:46	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 01:46	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 01:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 01:46	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 01:46	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 01:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 01:46*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/24/16 01:46*	*1*
4-Bromofluorobenzene (Surr)	*94*		*71 - 120*		*05/24/16 01:46*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*05/24/16 01:46*	*1*

Client Sample ID: RFW-2B

Date Collected: 05/14/16 11:25
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-4

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			05/24/16 02:13	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 02:13	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 02:13	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 02:13	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 02:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 02:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 02:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 02:13	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 02:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 02:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 02:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 02:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 02:13	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 02:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 02:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 02:13	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 02:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 02:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 02:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 02:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
Trichloroethene	0.61		0.50	0.16	ug/L			05/24/16 02:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 02:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 02:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 02:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 02:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 02:13	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 02:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 02:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 02:13	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 02:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 02:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 02:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 02:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 02:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 02:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 02:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 02:13	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 02:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 02:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 02:13	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 02:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 02:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 02:13	1

Client Sample ID: RFW-2B

Date Collected: 05/14/16 11:25
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-4

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			05/24/16 02:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 02:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 02:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 02:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 02:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 02:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 02:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 02:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 02:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 02:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 02:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 02:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 02:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 02:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/24/16 02:13*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 02:13*	*1*
4-Bromofluorobenzene (Surr)	*94*		*71 - 120*		*05/24/16 02:13*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*05/24/16 02:13*	*1*

Client Sample ID: RFW-3B

Date Collected: 05/14/16 12:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-5

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			05/24/16 02:40	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 02:40	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 02:40	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 02:40	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 02:40	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 02:40	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 02:40	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 02:40	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 02:40	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 02:40	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 02:40	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 02:40	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 02:40	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 02:40	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 02:40	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 02:40	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 02:40	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 02:40	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 02:40	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 02:40	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 02:40	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 02:40	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 02:40	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 02:40	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 02:40	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 02:40	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 02:40	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 02:40	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 02:40	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 02:40	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 02:40	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 02:40	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 02:40	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 02:40	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 02:40	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 02:40	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 02:40	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 02:40	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 02:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 02:40	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 02:40	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 02:40	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 02:40	1

Client Sample ID: RFW-3B

Date Collected: 05/14/16 12:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-5

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			05/24/16 02:40	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 02:40	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 02:40	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 02:40	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 02:40	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 02:40	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 02:40	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 02:40	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 02:40	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 02:40	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 02:40	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 02:40	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 02:40	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 02:40	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 127*		*05/24/16 02:40*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 02:40*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 02:40*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*05/24/16 02:40*	*1*

Client Sample ID: RFW-4A

Date Collected: 05/16/16 12:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-6

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			05/24/16 03:07	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 03:07	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 03:07	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 03:07	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 03:07	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 03:07	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 03:07	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 03:07	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 03:07	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 03:07	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 03:07	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 03:07	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 03:07	1
cis-1,2-Dichloroethene	**0.85**	J	1.0	0.41	ug/L			05/24/16 03:07	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 03:07	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 03:07	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 03:07	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 03:07	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 03:07	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 03:07	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
Trichloroethene	**27**		0.50	0.16	ug/L			05/24/16 03:07	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 03:07	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 03:07	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 03:07	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 03:07	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 03:07	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 03:07	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 03:07	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 03:07	1
Tetrachloroethene	**15**		1.0	0.37	ug/L			05/24/16 03:07	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 03:07	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 03:07	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 03:07	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 03:07	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 03:07	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 03:07	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 03:07	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 03:07	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 03:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 03:07	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 03:07	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 03:07	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 03:07	1

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

TestAmerica Job ID: 500-111673-1

Client Sample ID: RFW-4A
Date Collected: 05/16/16 12:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-6
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			05/24/16 03:07	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 03:07	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 03:07	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 03:07	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 03:07	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 03:07	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 03:07	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 03:07	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 03:07	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 03:07	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 03:07	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 03:07	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 03:07	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 03:07	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 03:07*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 03:07*	*1*
4-Bromofluorobenzene (Surr)	*96*		*71 - 120*		*05/24/16 03:07*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*05/24/16 03:07*	*1*

Client Sample ID: RFW-4A Dup

Date Collected: 05/16/16 12:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-7

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			05/24/16 03:33	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 03:33	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 03:33	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 03:33	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 03:33	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 03:33	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 03:33	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 03:33	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 03:33	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 03:33	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 03:33	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 03:33	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 03:33	1
cis-1,2-Dichloroethene	**0.84**	J	1.0	0.41	ug/L			05/24/16 03:33	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 03:33	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 03:33	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 03:33	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 03:33	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 03:33	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 03:33	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
Trichloroethene	**30**		0.50	0.16	ug/L			05/24/16 03:33	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 03:33	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 03:33	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 03:33	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 03:33	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 03:33	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 03:33	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 03:33	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 03:33	1
Tetrachloroethene	**16**		1.0	0.37	ug/L			05/24/16 03:33	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 03:33	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 03:33	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 03:33	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 03:33	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 03:33	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 03:33	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 03:33	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 03:33	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 03:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 03:33	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 03:33	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 03:33	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 03:33	1

Client Sample ID: RFW-4A Dup

Date Collected: 05/16/16 12:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-7

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			05/24/16 03:33	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 03:33	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 03:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 03:33	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 03:33	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 03:33	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 03:33	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 03:33	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 03:33	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 03:33	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 03:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 03:33	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 03:33	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 03:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 127*		*05/24/16 03:33*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 03:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 03:33*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*05/24/16 03:33*	*1*

Client Sample ID: RFW-6

Date Collected: 05/14/16 15:00
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-8

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			05/24/16 04:00	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 04:00	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 04:00	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 04:00	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 04:00	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 04:00	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 04:00	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 04:00	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 04:00	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 04:00	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 04:00	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 04:00	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 04:00	1
cis-1,2-Dichloroethene	**0.64**	**J**	1.0	0.41	ug/L			05/24/16 04:00	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 04:00	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 04:00	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 04:00	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 04:00	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 04:00	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 04:00	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
Trichloroethene	**1.7**		0.50	0.16	ug/L			05/24/16 04:00	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 04:00	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 04:00	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 04:00	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 04:00	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 04:00	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 04:00	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 04:00	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 04:00	1
Tetrachloroethene	**2.2**		1.0	0.37	ug/L			05/24/16 04:00	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 04:00	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 04:00	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 04:00	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 04:00	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 04:00	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 04:00	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 04:00	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 04:00	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:00	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 04:00	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 04:00	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 04:00	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 04:00	1

Client Sample ID: RFW-6

Date Collected: 05/14/16 15:00
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-8

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			05/24/16 04:00	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 04:00	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:00	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:00	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:00	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:00	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 04:00	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:00	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:00	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 04:00	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 04:00	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 04:00	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 04:00	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 04:00	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 127*		*05/24/16 04:00*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*05/24/16 04:00*	*1*
4-Bromofluorobenzene (Surr)	*91*		*71 - 120*		*05/24/16 04:00*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*05/24/16 04:00*	*1*

Client Sample ID: RFW-7

Date Collected: 05/14/16 13:50
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-9

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			05/24/16 04:26	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 04:26	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 04:26	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 04:26	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 04:26	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 04:26	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 04:26	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 04:26	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 04:26	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 04:26	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 04:26	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 04:26	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 04:26	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 04:26	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 04:26	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 04:26	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 04:26	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 04:26	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 04:26	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 04:26	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
Trichloroethene	3.0		0.50	0.16	ug/L			05/24/16 04:26	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 04:26	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 04:26	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 04:26	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 04:26	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 04:26	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 04:26	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 04:26	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 04:26	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 04:26	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 04:26	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 04:26	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 04:26	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 04:26	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 04:26	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 04:26	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 04:26	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 04:26	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 04:26	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 04:26	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 04:26	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 04:26	1

Client Sample ID: RFW-7

Date Collected: 05/14/16 13:50
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-9

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			05/24/16 04:26	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 04:26	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:26	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:26	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:26	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 04:26	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:26	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:26	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 04:26	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 04:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 04:26	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 04:26	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 04:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 04:26*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 04:26*	*1*
4-Bromofluorobenzene (Surr)	*96*		*71 - 120*		*05/24/16 04:26*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*05/24/16 04:26*	*1*

Client Sample ID: RFW-9

Date Collected: 05/16/16 10:50
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-10

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			05/24/16 04:52	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 04:52	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 04:52	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 04:52	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 04:52	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 04:52	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 04:52	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 04:52	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 04:52	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 04:52	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 04:52	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 04:52	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 04:52	1
cis-1,2-Dichloroethene	**18**		1.0	0.41	ug/L			05/24/16 04:52	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 04:52	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 04:52	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 04:52	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 04:52	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 04:52	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 04:52	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
Trichloroethene	**8.0**		0.50	0.16	ug/L			05/24/16 04:52	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 04:52	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 04:52	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 04:52	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 04:52	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 04:52	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 04:52	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 04:52	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 04:52	1
Tetrachloroethene	**5.0**		1.0	0.37	ug/L			05/24/16 04:52	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 04:52	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 04:52	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 04:52	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 04:52	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 04:52	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 04:52	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 04:52	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 04:52	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 04:52	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 04:52	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 04:52	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 04:52	1

Method: 8260B - VOC (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			05/24/16 04:52	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 04:52	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:52	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:52	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:52	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 04:52	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 04:52	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 04:52	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 04:52	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 04:52	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 04:52	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 04:52	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 04:52	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 04:52	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*05/24/16 04:52*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/24/16 04:52*	*1*
4-Bromofluorobenzene (Surr)	*92*		*71 - 120*		*05/24/16 04:52*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*05/24/16 04:52*	*1*

Client Sample ID: RFW-4B

Date Collected: 05/16/16 12:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-11

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			05/24/16 05:19	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 05:19	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 05:19	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 05:19	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 05:19	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 05:19	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 05:19	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 05:19	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 05:19	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 05:19	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 05:19	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 05:19	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 05:19	1
cis-1,2-Dichloroethene	**3.4**		1.0	0.41	ug/L			05/24/16 05:19	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 05:19	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 05:19	1
Chloroform	**1.4**		1.0	0.37	ug/L			05/24/16 05:19	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 05:19	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 05:19	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 05:19	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
Trichloroethene	**56**		0.50	0.16	ug/L			05/24/16 05:19	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 05:19	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 05:19	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 05:19	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 05:19	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 05:19	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 05:19	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 05:19	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 05:19	1
Tetrachloroethene	**93**		1.0	0.37	ug/L			05/24/16 05:19	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 05:19	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 05:19	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 05:19	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 05:19	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 05:19	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 05:19	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 05:19	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 05:19	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 05:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 05:19	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 05:19	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 05:19	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 05:19	1

Client Sample ID: RFW-4B

Date Collected: 05/16/16 12:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-11

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			05/24/16 05:19	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 05:19	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 05:19	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 05:19	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 05:19	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 05:19	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 05:19	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 05:19	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 05:19	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 05:19	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 05:19	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 05:19	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 05:19	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 05:19	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*05/24/16 05:19*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/24/16 05:19*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 05:19*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*05/24/16 05:19*	*1*

Client Sample ID: RFW-11B

Date Collected: 05/16/16 09:25
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-12

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			05/24/16 05:46	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 05:46	1
Chloromethane	**1.7**		1.0	0.32	ug/L			05/24/16 05:46	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 05:46	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 05:46	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 05:46	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 05:46	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 05:46	1
Acetone	**5.5**		5.0	1.7	ug/L			05/24/16 05:46	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 05:46	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 05:46	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 05:46	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 05:46	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 05:46	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 05:46	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 05:46	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 05:46	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 05:46	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 05:46	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 05:46	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
Trichloroethene	**2.3**		0.50	0.16	ug/L			05/24/16 05:46	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 05:46	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 05:46	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 05:46	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 05:46	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 05:46	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 05:46	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 05:46	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 05:46	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 05:46	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 05:46	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 05:46	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 05:46	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 05:46	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 05:46	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 05:46	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 05:46	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 05:46	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 05:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 05:46	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 05:46	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 05:46	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 05:46	1

Client Sample ID: RFW-11B

Date Collected: 05/16/16 09:25
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-12

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			05/24/16 05:46	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 05:46	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 05:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 05:46	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 05:46	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 05:46	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 05:46	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 05:46	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 05:46	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 05:46	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 05:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 05:46	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 05:46	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 05:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 127*		*05/24/16 05:46*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 05:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*71 - 120*		*05/24/16 05:46*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*05/24/16 05:46*	*1*

Client Sample ID: RFW-12B

Date Collected: 05/16/16 13:30
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-13

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			05/24/16 06:13	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 06:13	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 06:13	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 06:13	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 06:13	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 06:13	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 06:13	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 06:13	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 06:13	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 06:13	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 06:13	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 06:13	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 06:13	1
cis-1,2-Dichloroethene	**0.80**	**J**	1.0	0.41	ug/L			05/24/16 06:13	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 06:13	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 06:13	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 06:13	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 06:13	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 06:13	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 06:13	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
Trichloroethene	**51**		0.50	0.16	ug/L			05/24/16 06:13	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 06:13	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 06:13	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 06:13	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 06:13	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 06:13	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 06:13	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 06:13	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 06:13	1
Tetrachloroethene	**4.4**		1.0	0.37	ug/L			05/24/16 06:13	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 06:13	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 06:13	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 06:13	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 06:13	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 06:13	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 06:13	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 06:13	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 06:13	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 06:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 06:13	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 06:13	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 06:13	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 06:13	1

Client Sample ID: RFW-12B

Date Collected: 05/16/16 13:30
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-13

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			05/24/16 06:13	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 06:13	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 06:13	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 06:13	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 06:13	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 06:13	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 06:13	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 06:13	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 06:13	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 06:13	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 06:13	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 06:13	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 06:13	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 06:13	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/24/16 06:13*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 06:13*	*1*
4-Bromofluorobenzene (Surr)	*93*		*71 - 120*		*05/24/16 06:13*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*05/24/16 06:13*	*1*

Client Sample ID: RFW-13

Date Collected: 05/16/16 08:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-14

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.50		0.50	0.15	ug/L			05/24/16 06:39	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 06:39	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 06:39	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 06:39	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 06:39	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 06:39	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 06:39	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 06:39	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 06:39	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 06:39	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 06:39	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 06:39	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 06:39	1
cis-1,2-Dichloroethene	0.99	J	1.0	0.41	ug/L			05/24/16 06:39	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 06:39	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 06:39	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 06:39	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 06:39	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 06:39	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 06:39	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
Trichloroethene	2.7		0.50	0.16	ug/L			05/24/16 06:39	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 06:39	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 06:39	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 06:39	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 06:39	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 06:39	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 06:39	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 06:39	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 06:39	1
Tetrachloroethene	18		1.0	0.37	ug/L			05/24/16 06:39	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 06:39	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 06:39	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 06:39	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 06:39	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 06:39	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 06:39	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 06:39	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 06:39	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 06:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 06:39	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 06:39	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 06:39	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 06:39	1

Client Sample ID: RFW-13

Date Collected: 05/16/16 08:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-14

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			05/24/16 06:39	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 06:39	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 06:39	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 06:39	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 06:39	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 06:39	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 06:39	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 06:39	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 06:39	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 06:39	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 06:39	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 06:39	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 06:39	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 06:39	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 06:39*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 06:39*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 06:39*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*05/24/16 06:39*	*1*

Client Sample ID: RFW-17

Date Collected: 05/14/16 10:05
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-15

Matrix: Water

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.56		0.50	0.15	ug/L			05/24/16 07:06	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 07:06	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 07:06	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 07:06	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 07:06	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 07:06	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 07:06	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 07:06	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 07:06	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 07:06	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 07:06	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 07:06	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 07:06	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 07:06	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 07:06	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 07:06	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 07:06	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 07:06	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 07:06	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 07:06	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 07:06	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 07:06	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 07:06	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 07:06	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 07:06	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 07:06	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 07:06	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 07:06	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 07:06	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 07:06	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 07:06	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 07:06	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 07:06	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 07:06	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 07:06	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 07:06	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 07:06	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 07:06	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:06	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 07:06	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 07:06	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 07:06	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 07:06	1

Client Sample ID: RFW-17

Date Collected: 05/14/16 10:05
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-15

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			05/24/16 07:06	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 07:06	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:06	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:06	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:06	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:06	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 07:06	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:06	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:06	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 07:06	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 07:06	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 07:06	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 07:06	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 07:06	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 07:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*05/24/16 07:06*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/24/16 07:06*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 07:06*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*05/24/16 07:06*	*1*

Client Sample ID: Trip Blank

Date Collected: 05/14/16 07:00
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-16

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			05/24/16 00:26	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 00:26	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 00:26	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 00:26	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 00:26	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 00:26	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 00:26	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 00:26	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 00:26	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 00:26	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 00:26	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 00:26	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 00:26	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 00:26	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 00:26	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 00:26	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 00:26	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 00:26	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 00:26	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 00:26	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 00:26	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 00:26	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 00:26	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 00:26	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 00:26	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 00:26	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 00:26	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 00:26	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 00:26	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 00:26	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 00:26	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 00:26	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 00:26	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 00:26	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 00:26	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 00:26	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 00:26	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 00:26	1
Ethylbenzene	0.60		0.50	0.18	ug/L			05/24/16 00:26	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 00:26	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 00:26	1
Styrene	0.77	J	1.0	0.39	ug/L			05/24/16 00:26	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 00:26	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 00:26	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 00:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 00:26	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 00:26	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 00:26	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 00:26	1

Client Sample ID: Trip Blank

Date Collected: 05/14/16 07:00
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-16

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			05/24/16 00:26	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 00:26	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 00:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 00:26	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 00:26	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 00:26	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 00:26	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 00:26	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 00:26	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 00:26	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 00:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 00:26	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 00:26	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 00:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 00:26*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 00:26*	*1*
4-Bromofluorobenzene (Surr)	*96*		*71 - 120*		*05/24/16 00:26*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*05/24/16 00:26*	*1*

Client Sample ID: EW-3

Date Collected: 05/16/16 09:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-17

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			05/24/16 07:32	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 07:32	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 07:32	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 07:32	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 07:32	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 07:32	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 07:32	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 07:32	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 07:32	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 07:32	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 07:32	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 07:32	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 07:32	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.41	ug/L			05/24/16 07:32	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 07:32	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 07:32	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 07:32	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 07:32	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 07:32	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 07:32	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
Trichloroethene	**33**		0.50	0.16	ug/L			05/24/16 07:32	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 07:32	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 07:32	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 07:32	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 07:32	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 07:32	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 07:32	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 07:32	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 07:32	1
Tetrachloroethene	**1.3**		1.0	0.37	ug/L			05/24/16 07:32	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 07:32	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 07:32	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 07:32	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 07:32	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 07:32	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 07:32	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 07:32	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 07:32	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:32	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 07:32	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 07:32	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 07:32	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 07:32	1

Client Sample ID: EW-3

Date Collected: 05/16/16 09:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-17

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			05/24/16 07:32	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 07:32	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:32	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:32	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:32	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:32	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 07:32	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:32	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:32	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 07:32	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 07:32	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 07:32	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 07:32	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 07:32	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 07:32*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*05/24/16 07:32*	*1*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*		*05/24/16 07:32*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*05/24/16 07:32*	*1*

Client Sample Results

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

TestAmerica Job ID: 500-111673-1

Client Sample ID: EW-5

Date Collected: 05/16/16 10:00
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-18

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			05/24/16 07:58	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 07:58	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 07:58	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 07:58	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 07:58	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 07:58	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 07:58	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 07:58	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 07:58	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 07:58	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 07:58	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 07:58	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 07:58	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 07:58	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 07:58	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 07:58	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 07:58	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 07:58	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 07:58	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 07:58	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
Trichloroethene	**100**		0.50	0.16	ug/L			05/24/16 07:58	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 07:58	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 07:58	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 07:58	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 07:58	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 07:58	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 07:58	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 07:58	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 07:58	1
Tetrachloroethene	**3.3**		1.0	0.37	ug/L			05/24/16 07:58	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 07:58	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 07:58	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 07:58	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 07:58	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 07:58	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 07:58	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 07:58	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 07:58	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:58	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 07:58	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 07:58	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 07:58	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 07:58	1

Client Sample ID: EW-5

Date Collected: 05/16/16 10:00
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-18

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			05/24/16 07:58	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 07:58	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:58	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:58	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:58	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 07:58	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 07:58	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 07:58	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 07:58	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 07:58	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 07:58	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 07:58	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 07:58	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 07:58	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*		*05/24/16 07:58*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/24/16 07:58*	*1*
4-Bromofluorobenzene (Surr)	*97*		*71 - 120*		*05/24/16 07:58*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*05/24/16 07:58*	*1*

Client Sample ID: EW-6

Date Collected: 05/14/16 15:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-19

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			05/24/16 08:25	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 08:25	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 08:25	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 08:25	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 08:25	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 08:25	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 08:25	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 08:25	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 08:25	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 08:25	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 08:25	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 08:25	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 08:25	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 08:25	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 08:25	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 08:25	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 08:25	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 08:25	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 08:25	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 08:25	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
Trichloroethene	**5.9**		0.50	0.16	ug/L			05/24/16 08:25	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 08:25	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 08:25	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 08:25	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 08:25	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 08:25	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 08:25	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 08:25	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 08:25	1
Tetrachloroethene	**11**		1.0	0.37	ug/L			05/24/16 08:25	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 08:25	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 08:25	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 08:25	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 08:25	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 08:25	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 08:25	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 08:25	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 08:25	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 08:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 08:25	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 08:25	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 08:25	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 08:25	1

Client Sample ID: EW-6

Date Collected: 05/14/16 15:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-19

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			05/24/16 08:25	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 08:25	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 08:25	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 08:25	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 08:25	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 08:25	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 08:25	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 08:25	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 08:25	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 08:25	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 08:25	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 08:25	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 08:25	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 08:25	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*05/24/16 08:25*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/24/16 08:25*	*1*
4-Bromofluorobenzene (Surr)	*98*		*71 - 120*		*05/24/16 08:25*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*05/24/16 08:25*	*1*

Client Sample ID: EW-7

Date Collected: 05/14/16 15:15
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-20

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			05/24/16 08:51	1
Dichlorodifluoromethane	<2.0	F1	2.0	0.67	ug/L			05/24/16 08:51	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 08:51	1
Vinyl chloride	<0.50	F1	0.50	0.20	ug/L			05/24/16 08:51	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 08:51	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 08:51	1
Trichlorofluoromethane	<1.0	F1	1.0	0.43	ug/L			05/24/16 08:51	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 08:51	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 08:51	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 08:51	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 08:51	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 08:51	1
2,2-Dichloropropane	<1.0	F2	1.0	0.44	ug/L			05/24/16 08:51	1
cis-1,2-Dichloroethene	**5.7**		1.0	0.41	ug/L			05/24/16 08:51	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 08:51	1
Bromochloromethane	<1.0	F2	1.0	0.43	ug/L			05/24/16 08:51	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 08:51	1
1,1,1-Trichloroethane	<1.0	F2	1.0	0.38	ug/L			05/24/16 08:51	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 08:51	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 08:51	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
Trichloroethene	**3.7**	**F2**	0.50	0.16	ug/L			05/24/16 08:51	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 08:51	1
Dibromomethane	<1.0	F2	1.0	0.27	ug/L			05/24/16 08:51	1
Bromodichloromethane	<1.0	F2	1.0	0.37	ug/L			05/24/16 08:51	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 08:51	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 08:51	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 08:51	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 08:51	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 08:51	1
Tetrachloroethene	**9.9**	**F1**	1.0	0.37	ug/L			05/24/16 08:51	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 08:51	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 08:51	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 08:51	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 08:51	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 08:51	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 08:51	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 08:51	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 08:51	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 08:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 08:51	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 08:51	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 08:51	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 08:51	1

Client Sample ID: EW-7

Date Collected: 05/14/16 15:15
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-20

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			05/24/16 08:51	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 08:51	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 08:51	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 08:51	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 08:51	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 08:51	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 08:51	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 08:51	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 08:51	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 08:51	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 08:51	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 08:51	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 08:51	1
Naphthalene	<1.0	F2	1.0	0.34	ug/L			05/24/16 08:51	1
1,2,3-Trichlorobenzene	<1.0	F2	1.0	0.46	ug/L			05/24/16 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*		*05/24/16 08:51*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/24/16 08:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*71 - 120*		*05/24/16 08:51*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*05/24/16 08:51*	*1*

Client Sample ID: EW-8

Date Collected: 05/14/16 15:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-21

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			05/24/16 23:35	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 23:35	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 23:35	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 23:35	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 23:35	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 23:35	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 23:35	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 23:35	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 23:35	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 23:35	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 23:35	1
1,1-Dichloroethane	**0.85**	J	1.0	0.41	ug/L			05/24/16 23:35	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 23:35	1
cis-1,2-Dichloroethene	**30**		1.0	0.41	ug/L			05/24/16 23:35	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 23:35	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 23:35	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 23:35	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 23:35	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 23:35	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 23:35	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
Trichloroethene	**8.0**		0.50	0.16	ug/L			05/24/16 23:35	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 23:35	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 23:35	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 23:35	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 23:35	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 23:35	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 23:35	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 23:35	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 23:35	1
Tetrachloroethene	**77**		1.0	0.37	ug/L			05/24/16 23:35	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/24/16 23:35	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 23:35	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 23:35	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 23:35	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 23:35	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 23:35	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 23:35	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 23:35	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 23:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 23:35	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 23:35	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 23:35	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 23:35	1

Client Sample ID: EW-8

Date Collected: 05/14/16 15:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-21

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			05/24/16 23:35	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 23:35	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 23:35	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 23:35	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 23:35	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 23:35	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 23:35	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 23:35	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 23:35	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 23:35	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 23:35	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 23:35	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 23:35	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 23:35	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/24/16 23:35*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*05/24/16 23:35*	*1*
4-Bromofluorobenzene (Surr)	*102*		*71 - 120*		*05/24/16 23:35*	*1*
Dibromofluoromethane	*99*		*70 - 120*		*05/24/16 23:35*	*1*

Client Sample ID: EW-9

Date Collected: 05/14/16 14:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-22

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			05/26/16 14:31	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/26/16 14:31	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/26/16 14:31	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/26/16 14:31	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/26/16 14:31	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/26/16 14:31	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/26/16 14:31	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/26/16 14:31	1
Acetone	<5.0		5.0	1.7	ug/L			05/26/16 14:31	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/26/16 14:31	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/26/16 14:31	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/26/16 14:31	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/26/16 14:31	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/26/16 14:31	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/26/16 14:31	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/26/16 14:31	1
Chloroform	<1.0		1.0	0.37	ug/L			05/26/16 14:31	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/26/16 14:31	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/26/16 14:31	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/26/16 14:31	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
Trichloroethene	**0.53**		0.50	0.16	ug/L			05/26/16 14:31	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/26/16 14:31	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/26/16 14:31	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/26/16 14:31	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/26/16 14:31	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/26/16 14:31	1
Toluene	<0.50		0.50	0.15	ug/L			05/26/16 14:31	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/26/16 14:31	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/26/16 14:31	1
Tetrachloroethene	**120**		1.0	0.37	ug/L			05/26/16 14:31	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/26/16 14:31	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/26/16 14:31	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/26/16 14:31	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/26/16 14:31	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/26/16 14:31	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/26/16 14:31	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/26/16 14:31	1
Styrene	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
Bromoform	<1.0		1.0	0.48	ug/L			05/26/16 14:31	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/26/16 14:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/26/16 14:31	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/26/16 14:31	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/26/16 14:31	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/26/16 14:31	1

Client Sample ID: EW-9

Date Collected: 05/14/16 14:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-22

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			05/26/16 14:31	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/26/16 14:31	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/26/16 14:31	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/26/16 14:31	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/26/16 14:31	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/26/16 14:31	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/26/16 14:31	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/26/16 14:31	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/26/16 14:31	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/26/16 14:31	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/26/16 14:31	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/26/16 14:31	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/26/16 14:31	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/26/16 14:31	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/26/16 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/26/16 14:31*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/26/16 14:31*	*1*
4-Bromofluorobenzene (Surr)	*93*		*71 - 120*		*05/26/16 14:31*	*1*
Dibromofluoromethane	*92*		*70 - 120*		*05/26/16 14:31*	*1*

Client Sample ID: EW-9 Dup

Date Collected: 05/14/16 14:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-23

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			05/25/16 00:28	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/25/16 00:28	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/25/16 00:28	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/25/16 00:28	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/25/16 00:28	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/25/16 00:28	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/25/16 00:28	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/25/16 00:28	1
Acetone	<5.0		5.0	1.7	ug/L			05/25/16 00:28	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/25/16 00:28	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/25/16 00:28	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/25/16 00:28	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/25/16 00:28	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/25/16 00:28	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/25/16 00:28	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/25/16 00:28	1
Chloroform	<1.0		1.0	0.37	ug/L			05/25/16 00:28	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/25/16 00:28	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/25/16 00:28	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/25/16 00:28	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
Trichloroethene	**0.66**		0.50	0.16	ug/L			05/25/16 00:28	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/25/16 00:28	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/25/16 00:28	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/25/16 00:28	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/25/16 00:28	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/25/16 00:28	1
Toluene	<0.50		0.50	0.15	ug/L			05/25/16 00:28	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/25/16 00:28	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/25/16 00:28	1
Tetrachloroethene	**120**		1.0	0.37	ug/L			05/25/16 00:28	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/25/16 00:28	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/25/16 00:28	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/25/16 00:28	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/25/16 00:28	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/25/16 00:28	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/25/16 00:28	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/25/16 00:28	1
Styrene	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
Bromoform	<1.0		1.0	0.48	ug/L			05/25/16 00:28	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/25/16 00:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/25/16 00:28	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/25/16 00:28	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/25/16 00:28	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/25/16 00:28	1

Client Sample ID: EW-9 Dup

Date Collected: 05/14/16 14:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-23

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			05/25/16 00:28	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/25/16 00:28	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/25/16 00:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/25/16 00:28	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/25/16 00:28	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/25/16 00:28	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/25/16 00:28	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/25/16 00:28	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/25/16 00:28	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/25/16 00:28	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/25/16 00:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/25/16 00:28	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/25/16 00:28	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/25/16 00:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/25/16 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/25/16 00:28*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/25/16 00:28*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*05/25/16 00:28*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*05/25/16 00:28*	*1*

Client Sample ID: EW-10

Date Collected: 05/14/16 14:30
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-24

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			05/25/16 00:54	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/25/16 00:54	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/25/16 00:54	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/25/16 00:54	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/25/16 00:54	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/25/16 00:54	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/25/16 00:54	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/25/16 00:54	1
Acetone	<5.0		5.0	1.7	ug/L			05/25/16 00:54	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/25/16 00:54	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/25/16 00:54	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/25/16 00:54	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/25/16 00:54	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/25/16 00:54	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/25/16 00:54	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/25/16 00:54	1
Chloroform	<1.0		1.0	0.37	ug/L			05/25/16 00:54	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/25/16 00:54	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/25/16 00:54	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/25/16 00:54	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/25/16 00:54	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/25/16 00:54	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/25/16 00:54	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/25/16 00:54	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/25/16 00:54	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/25/16 00:54	1
Toluene	<0.50		0.50	0.15	ug/L			05/25/16 00:54	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/25/16 00:54	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/25/16 00:54	1
Tetrachloroethene	**1.2**		1.0	0.37	ug/L			05/25/16 00:54	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/25/16 00:54	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/25/16 00:54	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/25/16 00:54	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/25/16 00:54	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/25/16 00:54	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/25/16 00:54	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/25/16 00:54	1
Styrene	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
Bromoform	<1.0		1.0	0.48	ug/L			05/25/16 00:54	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/25/16 00:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/25/16 00:54	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/25/16 00:54	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/25/16 00:54	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/25/16 00:54	1

Client Sample ID: EW-10

Date Collected: 05/14/16 14:30
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-24

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			05/25/16 00:54	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/25/16 00:54	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/25/16 00:54	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/25/16 00:54	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/25/16 00:54	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/25/16 00:54	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/25/16 00:54	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/25/16 00:54	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/25/16 00:54	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/25/16 00:54	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/25/16 00:54	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/25/16 00:54	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/25/16 00:54	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/25/16 00:54	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/25/16 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/25/16 00:54*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/25/16 00:54*	*1*
4-Bromofluorobenzene (Surr)	*104*		*71 - 120*		*05/25/16 00:54*	*1*
Dibromofluoromethane	*99*		*70 - 120*		*05/25/16 00:54*	*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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

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

TestAmerica Job ID: 500-111673-1

GC/MS VOA

Analysis Batch: 336720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111673-1	RFW-1A	Total/NA	Water	8260B	
500-111673-2	RFW-1B	Total/NA	Water	8260B	
500-111673-3	RFW-2A	Total/NA	Water	8260B	
500-111673-4	RFW-2B	Total/NA	Water	8260B	
500-111673-5	RFW-3B	Total/NA	Water	8260B	
500-111673-6	RFW-4A	Total/NA	Water	8260B	
500-111673-7	RFW-4A Dup	Total/NA	Water	8260B	
500-111673-8	RFW-6	Total/NA	Water	8260B	
500-111673-9	RFW-7	Total/NA	Water	8260B	
500-111673-10	RFW-9	Total/NA	Water	8260B	
500-111673-11	RFW-4B	Total/NA	Water	8260B	
500-111673-12	RFW-11B	Total/NA	Water	8260B	
500-111673-13	RFW-12B	Total/NA	Water	8260B	
500-111673-14	RFW-13	Total/NA	Water	8260B	
500-111673-15	RFW-17	Total/NA	Water	8260B	
500-111673-16	Trip Blank	Total/NA	Water	8260B	
500-111673-17	EW-3	Total/NA	Water	8260B	
500-111673-18	EW-5	Total/NA	Water	8260B	
500-111673-19	EW-6	Total/NA	Water	8260B	
500-111673-20	EW-7	Total/NA	Water	8260B	
500-111673-20 MS	EW-7	Total/NA	Water	8260B	
500-111673-20 MSD	EW-7	Total/NA	Water	8260B	
LCS 500-336720/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-336720/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 336924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111673-21	EW-8	Total/NA	Water	8260B	
500-111673-23	EW-9 Dup	Total/NA	Water	8260B	
500-111673-24	EW-10	Total/NA	Water	8260B	
LCS 500-336924/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-336924/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 337207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-111673-22	EW-9	Total/NA	Water	8260B	
LCS 500-337207/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-337207/6	Method Blank	Total/NA	Water	8260B	

Surrogate Summary

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

TestAmerica Job ID: 500-111673-1

Method: 8260B - VOC

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-127)	(75-120)	(71-120)	(70-120)
500-111673-1	RFW-1A	99	98	94	95
500-111673-2	RFW-1B	97	99	95	91
500-111673-3	RFW-2A	99	98	94	93
500-111673-4	RFW-2B	97	99	94	93
500-111673-5	RFW-3B	100	99	95	96
500-111673-6	RFW-4A	99	99	96	93
500-111673-7	RFW-4A Dup	100	99	95	96
500-111673-8	RFW-6	101	96	91	97
500-111673-9	RFW-7	99	99	96	94
500-111673-10	RFW-9	98	98	92	96
500-111673-11	RFW-4B	98	100	95	94
500-111673-12	RFW-11B	100	99	93	94
500-111673-13	RFW-12B	97	99	93	96
500-111673-14	RFW-13	99	99	95	95
500-111673-15	RFW-17	98	98	95	94
500-111673-16	Trip Blank	99	99	96	95
500-111673-17	EW-3	99	97	95	94
500-111673-18	EW-5	99	99	97	93
500-111673-19	EW-6	98	100	98	93
500-111673-20	EW-7	98	98	94	94
500-111673-20 MS	EW-7	98	97	91	98
500-111673-20 MSD	EW-7	96	99	92	97
500-111673-21	EW-8	97	101	102	99
500-111673-22	EW-9	97	99	93	92
500-111673-23	EW-9 Dup	97	98	106	97
500-111673-24	EW-10	97	99	104	99
LCS 500-336720/4	Lab Control Sample	99	98	91	100
LCS 500-336924/4	Lab Control Sample	94	101	97	101
LCS 500-337207/4	Lab Control Sample	97	101	93	96
MB 500-336720/6	Method Blank	97	98	92	95
MB 500-336924/6	Method Blank	96	102	101	96
MB 500-337207/6	Method Blank	101	99	92	93

Surrogate Legend

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

Method: 8260B - VOC

Lab Sample ID: MB 500-336720/6
Matrix: Water
Analysis Batch: 336720

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			05/23/16 23:59	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/23/16 23:59	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/23/16 23:59	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/23/16 23:59	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/23/16 23:59	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/23/16 23:59	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/23/16 23:59	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/23/16 23:59	1
Acetone	<5.0		5.0	1.7	ug/L			05/23/16 23:59	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/23/16 23:59	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/23/16 23:59	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/23/16 23:59	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/23/16 23:59	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/23/16 23:59	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/23/16 23:59	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/23/16 23:59	1
Chloroform	<1.0		1.0	0.37	ug/L			05/23/16 23:59	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/23/16 23:59	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/23/16 23:59	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/23/16 23:59	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/23/16 23:59	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/23/16 23:59	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/23/16 23:59	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/23/16 23:59	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/23/16 23:59	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/23/16 23:59	1
Toluene	<0.50		0.50	0.15	ug/L			05/23/16 23:59	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/23/16 23:59	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/23/16 23:59	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/23/16 23:59	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/23/16 23:59	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/23/16 23:59	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/23/16 23:59	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/23/16 23:59	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/23/16 23:59	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/23/16 23:59	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/23/16 23:59	1
Styrene	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
Bromoform	<1.0		1.0	0.48	ug/L			05/23/16 23:59	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/23/16 23:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/23/16 23:59	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/23/16 23:59	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/23/16 23:59	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-336720/6
Matrix: Water
Analysis Batch: 336720

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			05/23/16 23:59	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			05/23/16 23:59	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/23/16 23:59	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/23/16 23:59	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/23/16 23:59	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/23/16 23:59	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/23/16 23:59	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/23/16 23:59	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/23/16 23:59	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/23/16 23:59	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/23/16 23:59	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/23/16 23:59	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/23/16 23:59	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/23/16 23:59	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/23/16 23:59	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/23/16 23:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*		*05/23/16 23:59*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*05/23/16 23:59*	*1*
4-Bromofluorobenzene (Surr)	*92*		*71 - 120*		*05/23/16 23:59*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*05/23/16 23:59*	*1*

Lab Sample ID: LCS 500-336720/4
Matrix: Water
Analysis Batch: 336720

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	47.1		ug/L		94	70 - 125
Dichlorodifluoromethane	50.0	59.8		ug/L		120	51 - 140
Chloromethane	50.0	47.3		ug/L		95	60 - 140
Vinyl chloride	50.0	54.2		ug/L		108	70 - 126
Bromomethane	50.0	57.3		ug/L		115	40 - 150
Chloroethane	50.0	48.0		ug/L		96	60 - 139
Trichlorofluoromethane	50.0	57.8		ug/L		116	60 - 126
1,1-Dichloroethene	50.0	46.9		ug/L		94	70 - 125
Carbon disulfide	50.0	48.2		ug/L		96	68 - 125
Acetone	50.0	31.6		ug/L		63	37 - 141
Methylene Chloride	50.0	49.3		ug/L		99	68 - 125
trans-1,2-Dichloroethene	50.0	47.1		ug/L		94	70 - 125
1,1-Dichloroethane	50.0	45.4		ug/L		91	70 - 125
2,2-Dichloropropane	50.0	45.6		ug/L		91	62 - 125
cis-1,2-Dichloroethene	50.0	46.1		ug/L		92	70 - 125
Methyl Ethyl Ketone	50.0	31.8		ug/L		64	52 - 142
Bromochloromethane	50.0	49.1		ug/L		98	70 - 125
Chloroform	50.0	48.8		ug/L		98	70 - 125
1,1,1-Trichloroethane	50.0	47.7		ug/L		95	70 - 125
1,1-Dichloropropene	50.0	48.5		ug/L		97	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-336720/4
Matrix: Water
Analysis Batch: 336720

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	48.4		ug/L		97	70 - 125
1,2-Dichloroethane	50.0	48.7		ug/L		97	70 - 125
Trichloroethene	50.0	48.5		ug/L		97	70 - 125
1,2-Dichloropropane	50.0	45.2		ug/L		90	70 - 125
Dibromomethane	50.0	46.3		ug/L		93	70 - 125
Bromodichloromethane	50.0	47.2		ug/L		94	70 - 125
cis-1,3-Dichloropropene	50.0	46.3		ug/L		93	70 - 125
methyl isobutyl ketone	50.0	29.5		ug/L		59	47 - 140
Toluene	50.0	45.4		ug/L		91	70 - 125
trans-1,3-Dichloropropene	50.0	45.9		ug/L		92	70 - 125
1,1,2-Trichloroethane	50.0	45.6		ug/L		91	70 - 125
Tetrachloroethene	50.0	50.1		ug/L		100	70 - 125
1,3-Dichloropropane	50.0	47.0		ug/L		94	70 - 125
2-Hexanone	50.0	30.4		ug/L		61	49 - 139
Dibromochloromethane	50.0	47.9		ug/L		96	66 - 125
1,2-Dibromoethane	50.0	48.7		ug/L		97	70 - 125
Chlorobenzene	50.0	46.0		ug/L		92	70 - 125
1,1,1,2-Tetrachloroethane	50.0	44.9		ug/L		90	68 - 125
Ethylbenzene	50.0	47.0		ug/L		94	70 - 125
m&p-Xylene	50.0	42.8		ug/L		86	70 - 125
o-Xylene	50.0	42.6		ug/L		85	70 - 125
Styrene	50.0	47.3		ug/L		95	70 - 125
Bromoform	50.0	45.9		ug/L		92	54 - 128
Isopropylbenzene	50.0	46.7		ug/L		93	70 - 125
Bromobenzene	50.0	44.7		ug/L		89	70 - 125
1,1,2,2-Tetrachloroethane	50.0	43.7		ug/L		87	68 - 125
1,2,3-Trichloropropane	50.0	40.2		ug/L		80	63 - 125
N-Propylbenzene	50.0	43.0		ug/L		86	70 - 125
2-Chlorotoluene	50.0	42.8		ug/L		86	69 - 125
1,3,5-Trimethylbenzene	50.0	45.9		ug/L		92	70 - 125
4-Chlorotoluene	50.0	42.4		ug/L		85	70 - 125
tert-Butylbenzene	50.0	43.9		ug/L		88	70 - 125
1,2,4-Trimethylbenzene	50.0	44.8		ug/L		90	70 - 125
sec-Butylbenzene	50.0	45.2		ug/L		90	70 - 125
1,3-Dichlorobenzene	50.0	44.5		ug/L		89	70 - 125
p-Isopropyltoluene	50.0	42.9		ug/L		86	70 - 125
1,4-Dichlorobenzene	50.0	43.8		ug/L		88	70 - 125
n-Butylbenzene	50.0	40.8		ug/L		82	70 - 125
1,2-Dichlorobenzene	50.0	45.4		ug/L		91	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	39.2		ug/L		78	51 - 125
1,2,4-Trichlorobenzene	50.0	40.8		ug/L		82	64 - 126
Hexachlorobutadiene	50.0	44.2		ug/L		88	57 - 140
Naphthalene	50.0	43.9		ug/L		88	50 - 136
1,2,3-Trichlorobenzene	50.0	42.9		ug/L		86	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 127*
Toluene-d8 (Surr)	*98*		*75 - 120*

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-336720/4
Matrix: Water
Analysis Batch: 336720

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*71 - 120*
Dibromofluoromethane	*100*		*70 - 120*

Lab Sample ID: 500-111673-20 MS
Matrix: Water
Analysis Batch: 336720

Client Sample ID: EW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.50		50.0	58.6		ug/L		117	70 - 125
Dichlorodifluoromethane	<2.0	F1	50.0	72.8	F1	ug/L		146	51 - 140
Chloromethane	<1.0		50.0	54.8		ug/L		110	60 - 140
Vinyl chloride	<0.50	F1	50.0	63.8	F1	ug/L		128	70 - 126
Bromomethane	<2.0		50.0	71.4		ug/L		143	40 - 150
Chloroethane	<1.0		50.0	57.8		ug/L		116	60 - 139
Trichlorofluoromethane	<1.0	F1	50.0	69.8	F1	ug/L		140	60 - 126
1,1-Dichloroethene	<1.0		50.0	57.7		ug/L		115	70 - 125
Carbon disulfide	<2.0		50.0	57.6		ug/L		115	68 - 125
Acetone	<5.0		50.0	40.2		ug/L		80	37 - 141
Methylene Chloride	<5.0		50.0	59.8		ug/L		120	68 - 125
trans-1,2-Dichloroethene	<1.0		50.0	57.7		ug/L		115	70 - 125
1,1-Dichloroethane	<1.0		50.0	55.7		ug/L		111	70 - 125
2,2-Dichloropropane	<1.0	F2	50.0	54.8		ug/L		110	62 - 125
cis-1,2-Dichloroethene	5.7		50.0	64.7		ug/L		118	70 - 125
Methyl Ethyl Ketone	<5.0		50.0	43.0		ug/L		86	52 - 142
Bromochloromethane	<1.0	F2	50.0	60.7		ug/L		121	70 - 125
Chloroform	<1.0		50.0	60.5		ug/L		121	70 - 125
1,1,1-Trichloroethane	<1.0	F2	50.0	59.5		ug/L		119	70 - 125
1,1-Dichloropropene	<1.0		50.0	59.6		ug/L		119	70 - 125
Carbon tetrachloride	<1.0		50.0	58.7		ug/L		117	70 - 125
1,2-Dichloroethane	<1.0		50.0	60.1		ug/L		120	70 - 125
Trichloroethene	3.7	F2	50.0	65.0		ug/L		123	70 - 125
1,2-Dichloropropane	<1.0		50.0	56.6		ug/L		113	70 - 125
Dibromomethane	<1.0	F2	50.0	58.0		ug/L		116	70 - 125
Bromodichloromethane	<1.0	F2	50.0	60.1		ug/L		120	70 - 125
cis-1,3-Dichloropropene	<1.0		50.0	55.8		ug/L		112	70 - 125
methyl isobutyl ketone	<5.0		50.0	38.7		ug/L		77	47 - 140
Toluene	<0.50		50.0	56.4		ug/L		113	70 - 125
trans-1,3-Dichloropropene	<1.0		50.0	55.2		ug/L		110	70 - 125
1,1,2-Trichloroethane	<1.0		50.0	58.0		ug/L		116	70 - 125
Tetrachloroethene	9.9	F1	50.0	75.0	F1	ug/L		130	70 - 125
1,3-Dichloropropane	<1.0		50.0	59.4		ug/L		119	70 - 125
2-Hexanone	<5.0		50.0	40.5		ug/L		81	49 - 139
Dibromochloromethane	<1.0		50.0	57.6		ug/L		115	66 - 125
1,2-Dibromoethane	<1.0		50.0	61.0		ug/L		122	70 - 125
Chlorobenzene	<1.0		50.0	57.4		ug/L		115	70 - 125
1,1,1,2-Tetrachloroethane	<1.0		50.0	55.3		ug/L		111	68 - 125
Ethylbenzene	<0.50		50.0	59.3		ug/L		119	70 - 125
m&p-Xylene	<1.0		50.0	52.9		ug/L		106	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-111673-20 MS
Matrix: Water
Analysis Batch: 336720

Client Sample ID: EW-7
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	52.5		ug/L		105	70 - 125
Styrene	<1.0		50.0	58.2		ug/L		116	70 - 125
Bromoform	<1.0		50.0	54.8		ug/L		110	54 - 128
Isopropylbenzene	<1.0		50.0	58.7		ug/L		117	70 - 125
Bromobenzene	<1.0		50.0	54.9		ug/L		110	70 - 125
1,1,2,2-Tetrachloroethane	<1.0		50.0	53.6		ug/L		107	68 - 125
1,2,3-Trichloropropane	<1.0		50.0	49.5		ug/L		99	63 - 125
N-Propylbenzene	<1.0		50.0	54.1		ug/L		108	70 - 125
2-Chlorotoluene	<1.0		50.0	52.8		ug/L		106	69 - 125
1,3,5-Trimethylbenzene	<1.0		50.0	57.9		ug/L		116	70 - 125
4-Chlorotoluene	<1.0		50.0	53.6		ug/L		107	70 - 125
tert-Butylbenzene	<1.0		50.0	55.1		ug/L		110	70 - 125
1,2,4-Trimethylbenzene	<1.0		50.0	56.3		ug/L		113	70 - 125
sec-Butylbenzene	<1.0		50.0	57.4		ug/L		115	70 - 125
1,3-Dichlorobenzene	<1.0		50.0	55.7		ug/L		111	70 - 125
p-Isopropyltoluene	<1.0		50.0	54.2		ug/L		108	70 - 125
1,4-Dichlorobenzene	<1.0		50.0	54.8		ug/L		110	70 - 125
n-Butylbenzene	<1.0		50.0	51.1		ug/L		102	70 - 125
1,2-Dichlorobenzene	<1.0		50.0	56.5		ug/L		113	70 - 125
1,2-Dibromo-3-Chloropropane	<5.0		50.0	47.1		ug/L		94	51 - 125
1,2,4-Trichlorobenzene	<1.0		50.0	52.2		ug/L		104	64 - 126
Hexachlorobutadiene	<1.0		50.0	56.7		ug/L		113	57 - 140
Naphthalene	<1.0	F2	50.0	55.6		ug/L		111	50 - 136
1,2,3-Trichlorobenzene	<1.0	F2	50.0	56.4		ug/L		113	58 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 127*
Toluene-d8 (Surr)	*97*		*75 - 120*
4-Bromofluorobenzene (Surr)	*91*		*71 - 120*
Dibromofluoromethane	*98*		*70 - 120*

Lab Sample ID: 500-111673-20 MSD
Matrix: Water
Analysis Batch: 336720

Client Sample ID: EW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.50		50.0	48.0		ug/L		96	70 - 125	20	20
Dichlorodifluoromethane	<2.0	F1	50.0	64.8		ug/L		130	51 - 140	12	20
Chloromethane	<1.0		50.0	52.2		ug/L		104	60 - 140	5	20
Vinyl chloride	<0.50	F1	50.0	58.6		ug/L		117	70 - 126	9	20
Bromomethane	<2.0		50.0	60.2		ug/L		120	40 - 150	17	20
Chloroethane	<1.0		50.0	53.5		ug/L		107	60 - 139	8	20
Trichlorofluoromethane	<1.0	F1	50.0	61.5		ug/L		123	60 - 126	13	20
1,1-Dichloroethene	<1.0		50.0	47.8		ug/L		96	70 - 125	19	20
Carbon disulfide	<2.0		50.0	47.8		ug/L		96	68 - 125	19	20
Acetone	<5.0		50.0	36.4		ug/L		73	37 - 141	10	20
Methylene Chloride	<5.0		50.0	50.0		ug/L		100	68 - 125	18	20
trans-1,2-Dichloroethene	<1.0		50.0	47.8		ug/L		96	70 - 125	19	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-111673-20 MSD
Matrix: Water
Analysis Batch: 336720

Client Sample ID: EW-7
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	46.7		ug/L		93	70 - 125	18	20
2,2-Dichloropropane	<1.0	F2	50.0	43.2	F2	ug/L		86	62 - 125	24	20
cis-1,2-Dichloroethene	5.7		50.0	53.3		ug/L		95	70 - 125	19	20
Methyl Ethyl Ketone	<5.0		50.0	38.6		ug/L		77	52 - 142	11	20
Bromochloromethane	<1.0	F2	50.0	48.8	F2	ug/L		98	70 - 125	22	20
Chloroform	<1.0		50.0	50.2		ug/L		100	70 - 125	19	20
1,1,1-Trichloroethane	<1.0	F2	50.0	48.2	F2	ug/L		96	70 - 125	21	20
1,1-Dichloropropene	<1.0		50.0	48.6		ug/L		97	70 - 125	20	20
Carbon tetrachloride	<1.0		50.0	48.7		ug/L		97	70 - 125	19	20
1,2-Dichloroethane	<1.0		50.0	49.3		ug/L		99	70 - 125	20	20
Trichloroethene	3.7	F2	50.0	52.3	F2	ug/L		97	70 - 125	22	20
1,2-Dichloropropane	<1.0		50.0	46.2		ug/L		92	70 - 125	20	20
Dibromomethane	<1.0	F2	50.0	46.3	F2	ug/L		93	70 - 125	23	20
Bromodichloromethane	<1.0	F2	50.0	48.3	F2	ug/L		97	70 - 125	22	20
cis-1,3-Dichloropropene	<1.0		50.0	47.0		ug/L		94	70 - 125	17	20
methyl isobutyl ketone	<5.0		50.0	37.0		ug/L		74	47 - 140	4	20
Toluene	<0.50		50.0	47.3		ug/L		95	70 - 125	18	20
trans-1,3-Dichloropropene	<1.0		50.0	46.5		ug/L		93	70 - 125	17	20
1,1,2-Trichloroethane	<1.0		50.0	47.8		ug/L		96	70 - 125	19	20
Tetrachloroethene	9.9	F1	50.0	62.9		ug/L		106	70 - 125	18	20
1,3-Dichloropropane	<1.0		50.0	48.7		ug/L		97	70 - 125	20	20
2-Hexanone	<5.0		50.0	38.3		ug/L		77	49 - 139	6	20
Dibromochloromethane	<1.0		50.0	48.1		ug/L		96	66 - 125	18	20
1,2-Dibromoethane	<1.0		50.0	50.3		ug/L		101	70 - 125	19	20
Chlorobenzene	<1.0		50.0	48.2		ug/L		96	70 - 125	17	20
1,1,1,2-Tetrachloroethane	<1.0		50.0	46.9		ug/L		94	68 - 125	16	20
Ethylbenzene	<0.50		50.0	49.5		ug/L		99	70 - 125	18	20
m&p-Xylene	<1.0		50.0	44.4		ug/L		89	70 - 125	17	20
o-Xylene	<0.50		50.0	44.4		ug/L		89	70 - 125	17	20
Styrene	<1.0		50.0	48.8		ug/L		98	70 - 125	18	20
Bromoform	<1.0		50.0	44.6		ug/L		89	54 - 128	20	20
Isopropylbenzene	<1.0		50.0	49.9		ug/L		100	70 - 125	16	20
Bromobenzene	<1.0		50.0	46.2		ug/L		92	70 - 125	17	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	44.4		ug/L		89	68 - 125	19	20
1,2,3-Trichloropropane	<1.0		50.0	42.3		ug/L		85	63 - 125	16	20
N-Propylbenzene	<1.0		50.0	45.7		ug/L		91	70 - 125	17	20
2-Chlorotoluene	<1.0		50.0	44.8		ug/L		90	69 - 125	16	20
1,3,5-Trimethylbenzene	<1.0		50.0	48.7		ug/L		97	70 - 125	17	20
4-Chlorotoluene	<1.0		50.0	44.3		ug/L		89	70 - 125	19	20
tert-Butylbenzene	<1.0		50.0	47.1		ug/L		94	70 - 125	16	20
1,2,4-Trimethylbenzene	<1.0		50.0	47.7		ug/L		95	70 - 125	17	20
sec-Butylbenzene	<1.0		50.0	48.9		ug/L		98	70 - 125	16	20
1,3-Dichlorobenzene	<1.0		50.0	46.4		ug/L		93	70 - 125	18	20
p-Isopropyltoluene	<1.0		50.0	46.3		ug/L		93	70 - 125	16	20
1,4-Dichlorobenzene	<1.0		50.0	45.6		ug/L		91	70 - 125	18	20
n-Butylbenzene	<1.0		50.0	43.8		ug/L		88	70 - 125	15	20
1,2-Dichlorobenzene	<1.0		50.0	47.4		ug/L		95	70 - 125	18	20
1,2-Dibromo-3-Chloropropane	<5.0		50.0	39.2		ug/L		78	51 - 125	18	20

Method: 8260B - VOC (Continued)

Lab Sample ID: 500-111673-20 MSD
Matrix: Water
Analysis Batch: 336720

Client Sample ID: EW-7
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	42.8		ug/L		86	64 - 126	20	20
Hexachlorobutadiene	<1.0		50.0	47.8		ug/L		96	57 - 140	17	20
Naphthalene	<1.0	F2	50.0	45.2	F2	ug/L		90	50 - 136	21	20
1,2,3-Trichlorobenzene	<1.0	F2	50.0	45.2	F2	ug/L		90	58 - 135	22	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 127*
Toluene-d8 (Surr)	*99*		*75 - 120*
4-Bromofluorobenzene (Surr)	*92*		*71 - 120*
Dibromofluoromethane	*97*		*70 - 120*

Lab Sample ID: MB 500-336924/6
Matrix: Water
Analysis Batch: 336924

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			05/24/16 22:42	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/24/16 22:42	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/24/16 22:42	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/24/16 22:42	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/24/16 22:42	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/24/16 22:42	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/24/16 22:42	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/24/16 22:42	1
Acetone	<5.0		5.0	1.7	ug/L			05/24/16 22:42	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/24/16 22:42	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/24/16 22:42	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/24/16 22:42	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/24/16 22:42	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/24/16 22:42	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/24/16 22:42	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/24/16 22:42	1
Chloroform	<1.0		1.0	0.37	ug/L			05/24/16 22:42	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/24/16 22:42	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/24/16 22:42	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/24/16 22:42	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/24/16 22:42	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/24/16 22:42	1
Dibromomethane	<1.0		1.0	0.27	ug/L			05/24/16 22:42	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/24/16 22:42	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/24/16 22:42	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/24/16 22:42	1
Toluene	<0.50		0.50	0.15	ug/L			05/24/16 22:42	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/24/16 22:42	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/24/16 22:42	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/24/16 22:42	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-336924/6
Matrix: Water
Analysis Batch: 336924

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			05/24/16 22:42	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/24/16 22:42	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/24/16 22:42	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/24/16 22:42	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/24/16 22:42	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/24/16 22:42	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/24/16 22:42	1
Styrene	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
Bromoform	<1.0		1.0	0.48	ug/L			05/24/16 22:42	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/24/16 22:42	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/24/16 22:42	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/24/16 22:42	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/24/16 22:42	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/24/16 22:42	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			05/24/16 22:42	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/24/16 22:42	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 22:42	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/24/16 22:42	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/24/16 22:42	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/24/16 22:42	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/24/16 22:42	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/24/16 22:42	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/24/16 22:42	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/24/16 22:42	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/24/16 22:42	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/24/16 22:42	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/24/16 22:42	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/24/16 22:42	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/24/16 22:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*71 - 127*		*05/24/16 22:42*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*05/24/16 22:42*	*1*
4-Bromofluorobenzene (Surr)	*101*		*71 - 120*		*05/24/16 22:42*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*05/24/16 22:42*	*1*

Lab Sample ID: LCS 500-336924/4
Matrix: Water
Analysis Batch: 336924

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.0		ug/L		96	70 - 125
Dichlorodifluoromethane	50.0	41.5		ug/L		83	51 - 140
Chloromethane	50.0	42.8		ug/L		86	60 - 140
Vinyl chloride	50.0	46.9		ug/L		94	70 - 126

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-336924/4
Matrix: Water
Analysis Batch: 336924

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	45.7		ug/L		91	40 - 150
Chloroethane	50.0	44.1		ug/L		88	60 - 139
Trichlorofluoromethane	50.0	49.4		ug/L		99	60 - 126
1,1-Dichloroethene	50.0	48.6		ug/L		97	70 - 125
Carbon disulfide	50.0	46.1		ug/L		92	68 - 125
Acetone	50.0	44.0		ug/L		88	37 - 141
Methylene Chloride	50.0	48.0		ug/L		96	68 - 125
trans-1,2-Dichloroethene	50.0	48.1		ug/L		96	70 - 125
1,1-Dichloroethane	50.0	47.4		ug/L		95	70 - 125
2,2-Dichloropropane	50.0	47.4		ug/L		95	62 - 125
cis-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 125
Methyl Ethyl Ketone	50.0	32.1		ug/L		64	52 - 142
Bromochloromethane	50.0	50.6		ug/L		101	70 - 125
Chloroform	50.0	46.7		ug/L		93	70 - 125
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 125
1,1-Dichloropropene	50.0	48.7		ug/L		97	70 - 125
Carbon tetrachloride	50.0	48.3		ug/L		97	70 - 125
1,2-Dichloroethane	50.0	47.8		ug/L		96	70 - 125
Trichloroethene	50.0	53.3		ug/L		107	70 - 125
1,2-Dichloropropane	50.0	47.6		ug/L		95	70 - 125
Dibromomethane	50.0	44.5		ug/L		89	70 - 125
Bromodichloromethane	50.0	44.9		ug/L		90	70 - 125
cis-1,3-Dichloropropene	50.0	44.8		ug/L		90	70 - 125
methyl isobutyl ketone	50.0	32.9		ug/L		66	47 - 140
Toluene	50.0	47.7		ug/L		95	70 - 125
trans-1,3-Dichloropropene	50.0	43.9		ug/L		88	70 - 125
1,1,2-Trichloroethane	50.0	45.6		ug/L		91	70 - 125
Tetrachloroethene	50.0	53.4		ug/L		107	70 - 125
1,3-Dichloropropane	50.0	45.6		ug/L		91	70 - 125
2-Hexanone	50.0	32.3		ug/L		65	49 - 139
Dibromochloromethane	50.0	43.5		ug/L		87	66 - 125
1,2-Dibromoethane	50.0	46.8		ug/L		94	70 - 125
Chlorobenzene	50.0	49.0		ug/L		98	70 - 125
1,1,1,2-Tetrachloroethane	50.0	48.9		ug/L		98	68 - 125
Ethylbenzene	50.0	49.3		ug/L		99	70 - 125
m&p-Xylene	50.0	45.9		ug/L		92	70 - 125
o-Xylene	50.0	47.8		ug/L		96	70 - 125
Styrene	50.0	46.8		ug/L		94	70 - 125
Bromoform	50.0	43.9		ug/L		88	54 - 128
Isopropylbenzene	50.0	48.6		ug/L		97	70 - 125
Bromobenzene	50.0	50.4		ug/L		101	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.4		ug/L		81	68 - 125
1,2,3-Trichloropropane	50.0	38.9		ug/L		78	63 - 125
N-Propylbenzene	50.0	46.3		ug/L		93	70 - 125
2-Chlorotoluene	50.0	47.0		ug/L		94	69 - 125
1,3,5-Trimethylbenzene	50.0	47.8		ug/L		96	70 - 125
4-Chlorotoluene	50.0	46.0		ug/L		92	70 - 125
tert-Butylbenzene	50.0	49.5		ug/L		99	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-336924/4
Matrix: Water
Analysis Batch: 336924

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	47.2		ug/L		94	70 - 125
sec-Butylbenzene	50.0	47.4		ug/L		95	70 - 125
1,3-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 125
p-Isopropyltoluene	50.0	47.4		ug/L		95	70 - 125
1,4-Dichlorobenzene	50.0	46.8		ug/L		94	70 - 125
n-Butylbenzene	50.0	44.0		ug/L		88	70 - 125
1,2-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	40.4		ug/L		81	51 - 125
1,2,4-Trichlorobenzene	50.0	47.7		ug/L		95	64 - 126
Hexachlorobutadiene	50.0	58.1		ug/L		116	57 - 140
Naphthalene	50.0	44.7		ug/L		89	50 - 136
1,2,3-Trichlorobenzene	50.0	51.7		ug/L		103	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 127*
Toluene-d8 (Surr)	*101*		*75 - 120*
4-Bromofluorobenzene (Surr)	*97*		*71 - 120*
Dibromofluoromethane	*101*		*70 - 120*

Lab Sample ID: MB 500-337207/6
Matrix: Water
Analysis Batch: 337207

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			05/26/16 10:56	1
Dichlorodifluoromethane	<2.0		2.0	0.67	ug/L			05/26/16 10:56	1
Chloromethane	<1.0		1.0	0.32	ug/L			05/26/16 10:56	1
Vinyl chloride	<0.50		0.50	0.20	ug/L			05/26/16 10:56	1
Bromomethane	<2.0		2.0	0.80	ug/L			05/26/16 10:56	1
Chloroethane	<1.0		1.0	0.51	ug/L			05/26/16 10:56	1
Trichlorofluoromethane	<1.0		1.0	0.43	ug/L			05/26/16 10:56	1
1,1-Dichloroethene	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
Carbon disulfide	<2.0		2.0	0.45	ug/L			05/26/16 10:56	1
Acetone	<5.0		5.0	1.7	ug/L			05/26/16 10:56	1
Methylene Chloride	<5.0		5.0	1.6	ug/L			05/26/16 10:56	1
trans-1,2-Dichloroethene	<1.0		1.0	0.35	ug/L			05/26/16 10:56	1
1,1-Dichloroethane	<1.0		1.0	0.41	ug/L			05/26/16 10:56	1
2,2-Dichloropropane	<1.0		1.0	0.44	ug/L			05/26/16 10:56	1
cis-1,2-Dichloroethene	<1.0		1.0	0.41	ug/L			05/26/16 10:56	1
Methyl Ethyl Ketone	<5.0		5.0	2.1	ug/L			05/26/16 10:56	1
Bromochloromethane	<1.0		1.0	0.43	ug/L			05/26/16 10:56	1
Chloroform	<1.0		1.0	0.37	ug/L			05/26/16 10:56	1
1,1,1-Trichloroethane	<1.0		1.0	0.38	ug/L			05/26/16 10:56	1
1,1-Dichloropropene	<1.0		1.0	0.30	ug/L			05/26/16 10:56	1
Carbon tetrachloride	<1.0		1.0	0.38	ug/L			05/26/16 10:56	1
1,2-Dichloroethane	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
Trichloroethene	<0.50		0.50	0.16	ug/L			05/26/16 10:56	1
1,2-Dichloropropane	<1.0		1.0	0.43	ug/L			05/26/16 10:56	1

Method: 8260B - VOC (Continued)

Lab Sample ID: MB 500-337207/6
Matrix: Water
Analysis Batch: 337207

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<1.0		1.0	0.27	ug/L			05/26/16 10:56	1
Bromodichloromethane	<1.0		1.0	0.37	ug/L			05/26/16 10:56	1
cis-1,3-Dichloropropene	<1.0		1.0	0.42	ug/L			05/26/16 10:56	1
methyl isobutyl ketone	<5.0		5.0	2.2	ug/L			05/26/16 10:56	1
Toluene	<0.50		0.50	0.15	ug/L			05/26/16 10:56	1
trans-1,3-Dichloropropene	<1.0		1.0	0.36	ug/L			05/26/16 10:56	1
1,1,2-Trichloroethane	<1.0		1.0	0.35	ug/L			05/26/16 10:56	1
Tetrachloroethene	<1.0		1.0	0.37	ug/L			05/26/16 10:56	1
1,3-Dichloropropane	<1.0		1.0	0.36	ug/L			05/26/16 10:56	1
2-Hexanone	<5.0		5.0	1.6	ug/L			05/26/16 10:56	1
Dibromochloromethane	<1.0		1.0	0.49	ug/L			05/26/16 10:56	1
1,2-Dibromoethane	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
Chlorobenzene	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
1,1,1,2-Tetrachloroethane	<1.0		1.0	0.46	ug/L			05/26/16 10:56	1
Ethylbenzene	<0.50		0.50	0.18	ug/L			05/26/16 10:56	1
m&p-Xylene	<1.0		1.0	0.18	ug/L			05/26/16 10:56	1
o-Xylene	<0.50		0.50	0.22	ug/L			05/26/16 10:56	1
Styrene	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
Bromoform	<1.0		1.0	0.48	ug/L			05/26/16 10:56	1
Isopropylbenzene	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
Bromobenzene	<1.0		1.0	0.36	ug/L			05/26/16 10:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	0.40	ug/L			05/26/16 10:56	1
1,2,3-Trichloropropane	<1.0		1.0	0.41	ug/L			05/26/16 10:56	1
N-Propylbenzene	<1.0		1.0	0.41	ug/L			05/26/16 10:56	1
2-Chlorotoluene	<1.0		1.0	0.31	ug/L			05/26/16 10:56	1
1,3,5-Trimethylbenzene	<1.0		1.0	0.25	ug/L			05/26/16 10:56	1
4-Chlorotoluene	<1.0		1.0	0.35	ug/L			05/26/16 10:56	1
tert-Butylbenzene	<1.0		1.0	0.40	ug/L			05/26/16 10:56	1
1,2,4-Trimethylbenzene	<1.0		1.0	0.36	ug/L			05/26/16 10:56	1
sec-Butylbenzene	<1.0		1.0	0.40	ug/L			05/26/16 10:56	1
1,3-Dichlorobenzene	<1.0		1.0	0.40	ug/L			05/26/16 10:56	1
p-Isopropyltoluene	<1.0		1.0	0.36	ug/L			05/26/16 10:56	1
1,4-Dichlorobenzene	<1.0		1.0	0.36	ug/L			05/26/16 10:56	1
n-Butylbenzene	<1.0		1.0	0.39	ug/L			05/26/16 10:56	1
1,2-Dichlorobenzene	<1.0		1.0	0.33	ug/L			05/26/16 10:56	1
1,2-Dibromo-3-Chloropropane	<5.0		5.0	2.0	ug/L			05/26/16 10:56	1
1,2,4-Trichlorobenzene	<1.0		1.0	0.34	ug/L			05/26/16 10:56	1
Hexachlorobutadiene	<1.0		1.0	0.45	ug/L			05/26/16 10:56	1
Naphthalene	<1.0		1.0	0.34	ug/L			05/26/16 10:56	1
1,2,3-Trichlorobenzene	<1.0		1.0	0.46	ug/L			05/26/16 10:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 127*		*05/26/16 10:56*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/26/16 10:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*71 - 120*		*05/26/16 10:56*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*05/26/16 10:56*	*1*

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-337207/4
Matrix: Water
Analysis Batch: 337207

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	46.7		ug/L		93	70 - 125
Dichlorodifluoromethane	50.0	52.2		ug/L		104	51 - 140
Chloromethane	50.0	43.7		ug/L		87	60 - 140
Vinyl chloride	50.0	52.4		ug/L		105	70 - 126
Bromomethane	50.0	55.6		ug/L		111	40 - 150
Chloroethane	50.0	47.0		ug/L		94	60 - 139
Trichlorofluoromethane	50.0	56.5		ug/L		113	60 - 126
1,1-Dichloroethene	50.0	46.2		ug/L		92	70 - 125
Carbon disulfide	50.0	45.1		ug/L		90	68 - 125
Acetone	50.0	27.5		ug/L		55	37 - 141
Methylene Chloride	50.0	48.5		ug/L		97	68 - 125
trans-1,2-Dichloroethene	50.0	46.5		ug/L		93	70 - 125
1,1-Dichloroethane	50.0	45.3		ug/L		91	70 - 125
2,2-Dichloropropane	50.0	45.5		ug/L		91	62 - 125
cis-1,2-Dichloroethene	50.0	45.9		ug/L		92	70 - 125
Methyl Ethyl Ketone	50.0	32.7		ug/L		65	52 - 142
Bromochloromethane	50.0	48.7		ug/L		97	70 - 125
Chloroform	50.0	48.7		ug/L		97	70 - 125
1,1,1-Trichloroethane	50.0	47.9		ug/L		96	70 - 125
1,1-Dichloropropene	50.0	47.8		ug/L		96	70 - 125
Carbon tetrachloride	50.0	48.1		ug/L		96	70 - 125
1,2-Dichloroethane	50.0	47.7		ug/L		95	70 - 125
Trichloroethene	50.0	48.0		ug/L		96	70 - 125
1,2-Dichloropropane	50.0	44.2		ug/L		88	70 - 125
Dibromomethane	50.0	46.5		ug/L		93	70 - 125
Bromodichloromethane	50.0	46.9		ug/L		94	70 - 125
cis-1,3-Dichloropropene	50.0	48.2		ug/L		96	70 - 125
methyl isobutyl ketone	50.0	31.0		ug/L		62	47 - 140
Toluene	50.0	47.8		ug/L		96	70 - 125
trans-1,3-Dichloropropene	50.0	48.0		ug/L		96	70 - 125
1,1,2-Trichloroethane	50.0	47.6		ug/L		95	70 - 125
Tetrachloroethene	50.0	54.0		ug/L		108	70 - 125
1,3-Dichloropropane	50.0	50.1		ug/L		100	70 - 125
2-Hexanone	50.0	32.4		ug/L		65	49 - 139
Dibromochloromethane	50.0	49.9		ug/L		100	66 - 125
1,2-Dibromoethane	50.0	50.2		ug/L		100	70 - 125
Chlorobenzene	50.0	48.0		ug/L		96	70 - 125
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/L		94	68 - 125
Ethylbenzene	50.0	50.8		ug/L		102	70 - 125
m&p-Xylene	50.0	45.3		ug/L		91	70 - 125
o-Xylene	50.0	44.2		ug/L		88	70 - 125
Styrene	50.0	49.3		ug/L		99	70 - 125
Bromoform	50.0	46.7		ug/L		93	54 - 128
Isopropylbenzene	50.0	51.5		ug/L		103	70 - 125
Bromobenzene	50.0	46.8		ug/L		94	70 - 125
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	68 - 125
1,2,3-Trichloropropane	50.0	44.8		ug/L		90	63 - 125
N-Propylbenzene	50.0	47.1		ug/L		94	70 - 125

Method: 8260B - VOC (Continued)

Lab Sample ID: LCS 500-337207/4
Matrix: Water
Analysis Batch: 337207

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	50.0	46.2		ug/L		92	69 - 125
1,3,5-Trimethylbenzene	50.0	50.1		ug/L		100	70 - 125
4-Chlorotoluene	50.0	46.2		ug/L		92	70 - 125
tert-Butylbenzene	50.0	48.2		ug/L		96	70 - 125
1,2,4-Trimethylbenzene	50.0	48.8		ug/L		98	70 - 125
sec-Butylbenzene	50.0	50.7		ug/L		101	70 - 125
1,3-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 125
p-Isopropyltoluene	50.0	47.8		ug/L		96	70 - 125
1,4-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 125
n-Butylbenzene	50.0	45.6		ug/L		91	70 - 125
1,2-Dichlorobenzene	50.0	47.6		ug/L		95	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.7		ug/L		83	51 - 125
1,2,4-Trichlorobenzene	50.0	46.2		ug/L		92	64 - 126
Hexachlorobutadiene	50.0	51.0		ug/L		102	57 - 140
Naphthalene	50.0	47.3		ug/L		95	50 - 136
1,2,3-Trichlorobenzene	50.0	48.6		ug/L		97	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 127*
Toluene-d8 (Surr)	*101*		*75 - 120*
4-Bromofluorobenzene (Surr)	*93*		*71 - 120*
Dibromofluoromethane	*96*		*70 - 120*

Client Sample ID: RFW-1A

Date Collected: 05/14/16 07:20
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 00:53	JMP	TAL CHI

Client Sample ID: RFW-1B

Date Collected: 05/14/16 07:24
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 01:20	JMP	TAL CHI

Client Sample ID: RFW-2A

Date Collected: 05/14/16 11:05
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-3
Matrix: Water

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Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 01:46	JMP	TAL CHI

Client Sample ID: RFW-2B

Date Collected: 05/14/16 11:25
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 02:13	JMP	TAL CHI

Client Sample ID: RFW-3B

Date Collected: 05/14/16 12:40
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 02:40	JMP	TAL CHI

Client Sample ID: RFW-4A

Date Collected: 05/16/16 12:10
Date Received: 05/17/16 10:20

Lab Sample ID: 500-111673-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 03:07	JMP	TAL CHI

Client Sample ID: RFW-4A Dup

Lab Sample ID: 500-111673-7
Matrix: Water

Date Collected: 05/16/16 12:10
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 03:33	JMP	TAL CHI

Client Sample ID: RFW-6

Lab Sample ID: 500-111673-8
Matrix: Water

Date Collected: 05/14/16 15:00
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 04:00	JMP	TAL CHI

Client Sample ID: RFW-7

Lab Sample ID: 500-111673-9
Matrix: Water

Date Collected: 05/14/16 13:50
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 04:26	JMP	TAL CHI

Client Sample ID: RFW-9

Lab Sample ID: 500-111673-10
Matrix: Water

Date Collected: 05/16/16 10:50
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 04:52	JMP	TAL CHI

Client Sample ID: RFW-4B

Lab Sample ID: 500-111673-11
Matrix: Water

Date Collected: 05/16/16 12:20
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 05:19	JMP	TAL CHI

Client Sample ID: RFW-11B

Lab Sample ID: 500-111673-12
Matrix: Water

Date Collected: 05/16/16 09:25
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 05:46	JMP	TAL CHI

Client Sample ID: RFW-12B

Lab Sample ID: 500-111673-13
Matrix: Water

Date Collected: 05/16/16 13:30
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 06:13	JMP	TAL CHI

Client Sample ID: RFW-13

Lab Sample ID: 500-111673-14
Matrix: Water

Date Collected: 05/16/16 08:10
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 06:39	JMP	TAL CHI

Client Sample ID: RFW-17

Lab Sample ID: 500-111673-15
Matrix: Water

Date Collected: 05/14/16 10:05
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 07:06	JMP	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-111673-16
Matrix: Water

Date Collected: 05/14/16 07:00
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 00:26	JMP	TAL CHI

Client Sample ID: EW-3

Lab Sample ID: 500-111673-17
Matrix: Water

Date Collected: 05/16/16 09:20
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 07:32	JMP	TAL CHI

Client Sample ID: EW-5

Lab Sample ID: 500-111673-18
Matrix: Water

Date Collected: 05/16/16 10:00
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 07:58	JMP	TAL CHI

Client Sample ID: EW-6

Lab Sample ID: 500-111673-19
Matrix: Water

Date Collected: 05/14/16 15:20
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 08:25	JMP	TAL CHI

Client Sample ID: EW-7

Lab Sample ID: 500-111673-20
Matrix: Water

Date Collected: 05/14/16 15:15
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336720	05/24/16 08:51	JMP	TAL CHI

Client Sample ID: EW-8

Lab Sample ID: 500-111673-21
Matrix: Water

Date Collected: 05/14/16 15:10
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336924	05/24/16 23:35	EMA	TAL CHI

Client Sample ID: EW-9

Lab Sample ID: 500-111673-22
Matrix: Water

Date Collected: 05/14/16 14:40
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	337207	05/26/16 14:31	JMP	TAL CHI

Client Sample ID: EW-9 Dup

Lab Sample ID: 500-111673-23
Matrix: Water

Date Collected: 05/14/16 14:40
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336924	05/25/16 00:28	EMA	TAL CHI

Client Sample ID: EW-10

Lab Sample ID: 500-111673-24
Matrix: Water

Date Collected: 05/14/16 14:30
Date Received: 05/17/16 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	336924	05/25/16 00:54	EMA	TAL CHI

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 500-111673-1

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2903	04-30-18
Georgia	State Program	4	N/A	04-30-17
Hawaii	State Program	9	N/A	04-30-17
Illinois	NELAP	5	100201	04-30-17
Indiana	State Program	5	C-IL-02	04-30-17
Iowa	State Program	7	82	05-01-16 *
Kansas	NELAP	7	E-10161	05-31-16 *
Kentucky (UST)	State Program	4	66	04-30-17
Kentucky (WW)	State Program	4	KY90023	12-31-16
Massachusetts	State Program	1	M-IL035	06-30-16 *
Mississippi	State Program	4	N/A	04-30-17
New York	NELAP	2	12019	04-01-17
North Carolina (WW/SW)	State Program	4	291	12-31-16
North Dakota	State Program	8	R-194	04-30-17
Oklahoma	State Program	6	8908	08-31-16
South Carolina	State Program	4	77001	04-30-16 *
USDA	Federal		P330-15-00038	02-11-18
Wisconsin	State Program	5	999580010	08-31-16
Wyoming	State Program	8	8TMS-Q	04-30-17

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* Certification renewal pending - certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.534

500-111673 COC

(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 #: 500-111623
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 1.9

Client: Western Solutions | Client Project #: | Preservative: HCl
Project Name: Black + Decker | Parameter: VOC
Project Location/State: Hampstead MD | Lab Project #:
Sampler: Greg Flasuski | 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	Comments
1		RFW-1A	5/14/16	720	3	W	
2		RFW-1B		724			
3		RFW-2A		1105			
4		RFW-2B		1125			
5		RFW-3B		1240			
6		RFW-4A	5/16/16	1210			
7		RFW-4A Dup		1210			
8		RFW-6	5/14	1500			
9		RFW-7	5/14	1350			
10		RFW-9	5/15	1050			

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Western	5/16/16	1700		TA-CHI	5/17/16	1020
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
Shipped: Fed-X
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-4124-500 (1209)

5/27/2016

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

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

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

Chain of Custody Record

Lab Job #: 500-111673
Chain of Custody Number:
Page 2 of 3
Temperature °C of Cooler:

Client: Western
Client Project #:
Project Name: Black + Decker
Project Location/State:
Lab Project #:
Sampler:
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	Preservative	Parameter	Comments
11		RFW - 4B	5/16/	1220	3	W	HCl	VOC	
12		RFW - 11B		925					
13		RFW - 12B		1330					
14		RFW - 13		810					
15		RFW - 17	5/14/16	1005					
16		Trip Blank		700	2				

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
	Western	5/16/16	1700		TA-CHI	5/17/16	1020

Lab Courier:
Shipped: Fed X
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:

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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 #: 500-11673

Chain of Custody Number:

Page 3 of 3

Temperature °C of Cooler:

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

Preservative: HCl | Parameter: VOC

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Comments
17		EW-3	5/16/16	920	3	W	
18		EW-5	"	1000			
19		EW-6	5/14/16	1500			
20		EW-7		1515			
21		EW-8		1510			
22		EW-9		1440			
23		EW-9 Dup		1440			
24		EW-10		1430			

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	5/16/16	1700		TA-CHT	5/17/16	1020
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
Shipped: Fed-X
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:

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 500-111673-1

Login Number: 111673
List Number: 1
Creator: Scott, Sherri L

List Source: TestAmerica Chicago

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

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 680-125335-1
Client Project/Site: Black & Decker

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

Attn: Greg Flasinski

Lisa Harvey

Authorized for release by:
5/25/2016 6:25:07 PM

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

Job ID: 680-125335-1

Laboratory: TestAmerica Savannah

Narrative

Client: Weston Solutions, Inc.
Project: Black & Decker
Report Number: 680-125335-1

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 05/17/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.4 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples RFW-20 (680-125335-1), RFW-21 (680-125335-2), HAMP-22 (680-125335-3), HAMP-23 (680-125335-4) and Trip Blank (680-125335-5) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 05/24/2016.

Method(s) 524.2: The laboratory control sample duplicate (LCSD) for analytical batch 680-434555 recovered outside control limits for the following analytes: 2-Methyl- 2- propanol. This analyte was biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 524.2: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated analytical batch 680-434555.

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: 680-125335-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-125335-1	RFW-20	Water	05/14/16 09:10	05/17/16 09:10
680-125335-2	RFW-21	Water	05/14/16 08:20	05/17/16 09:10
680-125335-3	HAMP-22	Water	05/16/16 10:00	05/17/16 09:10
680-125335-4	HAMP-23	Water	05/16/16 09:55	05/17/16 09:10
680-125335-5	Trip Blank	Water	05/14/16 08:00	05/17/16 09:10

Method Summary

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

TestAmerica Job ID: 680-125335-1

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

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Protocol References:

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

Laboratory References:

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

Qualifiers

GC/MS VOA

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

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Glossary

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

Client Sample ID: RFW-20

Date Collected: 05/14/16 09:10
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-1

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			05/24/16 11:44	1
Benzene	<0.50		0.50	0.082	ug/L			05/24/16 11:44	1
Bromobenzene	<0.50		0.50	0.091	ug/L			05/24/16 11:44	1
Bromoform	<0.50		0.50	0.17	ug/L			05/24/16 11:44	1
Bromomethane	<1.0		1.0	0.20	ug/L			05/24/16 11:44	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			05/24/16 11:44	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 11:44	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			05/24/16 11:44	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			05/24/16 11:44	1
Chloroethane	<1.0		1.0	0.22	ug/L			05/24/16 11:44	1
Chloroform	<0.50		0.50	0.20	ug/L			05/24/16 11:44	1
Chloromethane	<0.50		0.50	0.15	ug/L			05/24/16 11:44	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			05/24/16 11:44	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			05/24/16 11:44	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 11:44	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			05/24/16 11:44	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			05/24/16 11:44	1
Dibromomethane	<0.50		0.50	0.16	ug/L			05/24/16 11:44	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			05/24/16 11:44	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			05/24/16 11:44	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			05/24/16 11:44	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			05/24/16 11:44	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			05/24/16 11:44	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			05/24/16 11:44	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			05/24/16 11:44	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			05/24/16 11:44	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			05/24/16 11:44	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			05/24/16 11:44	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			05/24/16 11:44	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			05/24/16 11:44	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			05/24/16 11:44	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			05/24/16 11:44	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			05/24/16 11:44	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			05/24/16 11:44	1
Freon 113	<0.50		0.50	0.15	ug/L			05/24/16 11:44	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			05/24/16 11:44	1
2-Hexanone	<10		10	5.0	ug/L			05/24/16 11:44	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			05/24/16 11:44	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			05/24/16 11:44	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			05/24/16 11:44	1
2-Butanone (MEK)	<10		10	5.0	ug/L			05/24/16 11:44	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			05/24/16 11:44	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			05/24/16 11:44	1
Naphthalene	<1.0		1.0	0.43	ug/L			05/24/16 11:44	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 11:44	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 11:44	1
o-Xylene	<0.50		0.50	0.086	ug/L			05/24/16 11:44	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 11:44	1
Styrene	<0.50		0.50	0.089	ug/L			05/24/16 11:44	1

Client Sample ID: RFW-20

Date Collected: 05/14/16 09:10
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-1

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			05/24/16 11:44	1
tert-Butyl alcohol	<10	*	10	1.6	ug/L			05/24/16 11:44	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 11:44	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			05/24/16 11:44	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			05/24/16 11:44	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			05/24/16 11:44	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			05/24/16 11:44	1
Toluene	<0.50		0.50	0.086	ug/L			05/24/16 11:44	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 11:44	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			05/24/16 11:44	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 11:44	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			05/24/16 11:44	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			05/24/16 11:44	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			05/24/16 11:44	1
Trichloroethene	0.38	J	0.50	0.13	ug/L			05/24/16 11:44	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			05/24/16 11:44	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			05/24/16 11:44	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			05/24/16 11:44	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 11:44	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			05/24/16 11:44	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			05/24/16 11:44	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			05/24/16 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*05/24/16 11:44*	*1*
1,2-Dichlorobenzene-d4	*101*		*70 - 130*		*05/24/16 11:44*	*1*

Client Sample Results

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

TestAmerica Job ID: 680-125335-1

Client Sample ID: RFW-21

Date Collected: 05/14/16 08:20
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-2

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			05/24/16 12:06	1
Benzene	<0.50		0.50	0.082	ug/L			05/24/16 12:06	1
Bromobenzene	<0.50		0.50	0.091	ug/L			05/24/16 12:06	1
Bromoform	<0.50		0.50	0.17	ug/L			05/24/16 12:06	1
Bromomethane	<1.0		1.0	0.20	ug/L			05/24/16 12:06	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			05/24/16 12:06	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:06	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			05/24/16 12:06	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			05/24/16 12:06	1
Chloroethane	<1.0		1.0	0.22	ug/L			05/24/16 12:06	1
Chloroform	<0.50		0.50	0.20	ug/L			05/24/16 12:06	1
Chloromethane	<0.50		0.50	0.15	ug/L			05/24/16 12:06	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			05/24/16 12:06	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			05/24/16 12:06	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 12:06	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			05/24/16 12:06	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			05/24/16 12:06	1
Dibromomethane	<0.50		0.50	0.16	ug/L			05/24/16 12:06	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			05/24/16 12:06	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			05/24/16 12:06	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			05/24/16 12:06	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			05/24/16 12:06	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			05/24/16 12:06	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			05/24/16 12:06	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			05/24/16 12:06	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			05/24/16 12:06	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			05/24/16 12:06	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			05/24/16 12:06	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			05/24/16 12:06	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			05/24/16 12:06	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			05/24/16 12:06	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			05/24/16 12:06	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			05/24/16 12:06	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			05/24/16 12:06	1
Freon 113	<0.50		0.50	0.15	ug/L			05/24/16 12:06	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			05/24/16 12:06	1
2-Hexanone	<10		10	5.0	ug/L			05/24/16 12:06	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			05/24/16 12:06	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			05/24/16 12:06	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			05/24/16 12:06	1
2-Butanone (MEK)	<10		10	5.0	ug/L			05/24/16 12:06	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			05/24/16 12:06	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			05/24/16 12:06	1
Naphthalene	<1.0		1.0	0.43	ug/L			05/24/16 12:06	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:06	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:06	1
o-Xylene	<0.50		0.50	0.086	ug/L			05/24/16 12:06	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:06	1
Styrene	<0.50		0.50	0.089	ug/L			05/24/16 12:06	1

Client Sample ID: RFW-21
Date Collected: 05/14/16 08:20
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-2
Matrix: Water

6

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			05/24/16 12:06	1
tert-Butyl alcohol	<10	*	10	1.6	ug/L			05/24/16 12:06	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:06	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			05/24/16 12:06	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			05/24/16 12:06	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			05/24/16 12:06	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			05/24/16 12:06	1
Toluene	<0.50		0.50	0.086	ug/L			05/24/16 12:06	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 12:06	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			05/24/16 12:06	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:06	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			05/24/16 12:06	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			05/24/16 12:06	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			05/24/16 12:06	1
Trichloroethene	<0.50		0.50	0.13	ug/L			05/24/16 12:06	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			05/24/16 12:06	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			05/24/16 12:06	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			05/24/16 12:06	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:06	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			05/24/16 12:06	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			05/24/16 12:06	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			05/24/16 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*05/24/16 12:06*	*1*
1,2-Dichlorobenzene-d4	*101*		*70 - 130*		*05/24/16 12:06*	*1*

Client Sample ID: HAMP-22

Date Collected: 05/16/16 10:00
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-3

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			05/24/16 12:29	1
Benzene	<0.50		0.50	0.082	ug/L			05/24/16 12:29	1
Bromobenzene	<0.50		0.50	0.091	ug/L			05/24/16 12:29	1
Bromoform	<0.50		0.50	0.17	ug/L			05/24/16 12:29	1
Bromomethane	<1.0		1.0	0.20	ug/L			05/24/16 12:29	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			05/24/16 12:29	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:29	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			05/24/16 12:29	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			05/24/16 12:29	1
Chloroethane	<1.0		1.0	0.22	ug/L			05/24/16 12:29	1
Chloroform	0.33	J	0.50	0.20	ug/L			05/24/16 12:29	1
Chloromethane	<0.50		0.50	0.15	ug/L			05/24/16 12:29	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			05/24/16 12:29	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			05/24/16 12:29	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 12:29	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			05/24/16 12:29	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			05/24/16 12:29	1
Dibromomethane	<0.50		0.50	0.16	ug/L			05/24/16 12:29	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			05/24/16 12:29	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			05/24/16 12:29	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			05/24/16 12:29	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			05/24/16 12:29	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			05/24/16 12:29	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			05/24/16 12:29	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			05/24/16 12:29	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			05/24/16 12:29	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			05/24/16 12:29	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			05/24/16 12:29	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			05/24/16 12:29	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			05/24/16 12:29	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			05/24/16 12:29	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			05/24/16 12:29	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			05/24/16 12:29	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			05/24/16 12:29	1
Freon 113	<0.50		0.50	0.15	ug/L			05/24/16 12:29	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			05/24/16 12:29	1
2-Hexanone	<10		10	5.0	ug/L			05/24/16 12:29	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			05/24/16 12:29	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			05/24/16 12:29	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			05/24/16 12:29	1
2-Butanone (MEK)	<10		10	5.0	ug/L			05/24/16 12:29	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			05/24/16 12:29	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			05/24/16 12:29	1
Naphthalene	<1.0		1.0	0.43	ug/L			05/24/16 12:29	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:29	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:29	1
o-Xylene	<0.50		0.50	0.086	ug/L			05/24/16 12:29	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:29	1
Styrene	<0.50		0.50	0.089	ug/L			05/24/16 12:29	1

Client Sample ID: HAMP-22

Date Collected: 05/16/16 10:00
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-3

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			05/24/16 12:29	1
tert-Butyl alcohol	<10	*	10	1.6	ug/L			05/24/16 12:29	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:29	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			05/24/16 12:29	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			05/24/16 12:29	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			05/24/16 12:29	1
Tetrachloroethene	0.31	J	0.50	0.18	ug/L			05/24/16 12:29	1
Toluene	<0.50		0.50	0.086	ug/L			05/24/16 12:29	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 12:29	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			05/24/16 12:29	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:29	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			05/24/16 12:29	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			05/24/16 12:29	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			05/24/16 12:29	1
Trichloroethene	<0.50		0.50	0.13	ug/L			05/24/16 12:29	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			05/24/16 12:29	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			05/24/16 12:29	1
Trihalomethanes, Total	0.33	J	0.50	0.079	ug/L			05/24/16 12:29	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:29	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			05/24/16 12:29	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			05/24/16 12:29	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			05/24/16 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*05/24/16 12:29*	*1*
1,2-Dichlorobenzene-d4	*96*		*70 - 130*		*05/24/16 12:29*	*1*

Client Sample ID: HAMP-23

Date Collected: 05/16/16 09:55
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-4

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			05/24/16 12:52	1
Benzene	<0.50		0.50	0.082	ug/L			05/24/16 12:52	1
Bromobenzene	<0.50		0.50	0.091	ug/L			05/24/16 12:52	1
Bromoform	<0.50		0.50	0.17	ug/L			05/24/16 12:52	1
Bromomethane	<1.0		1.0	0.20	ug/L			05/24/16 12:52	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			05/24/16 12:52	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:52	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			05/24/16 12:52	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			05/24/16 12:52	1
Chloroethane	<1.0		1.0	0.22	ug/L			05/24/16 12:52	1
Chloroform	<0.50		0.50	0.20	ug/L			05/24/16 12:52	1
Chloromethane	<0.50		0.50	0.15	ug/L			05/24/16 12:52	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			05/24/16 12:52	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			05/24/16 12:52	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 12:52	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			05/24/16 12:52	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			05/24/16 12:52	1
Dibromomethane	<0.50		0.50	0.16	ug/L			05/24/16 12:52	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			05/24/16 12:52	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			05/24/16 12:52	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			05/24/16 12:52	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			05/24/16 12:52	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			05/24/16 12:52	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			05/24/16 12:52	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			05/24/16 12:52	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			05/24/16 12:52	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			05/24/16 12:52	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			05/24/16 12:52	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			05/24/16 12:52	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			05/24/16 12:52	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			05/24/16 12:52	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			05/24/16 12:52	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			05/24/16 12:52	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			05/24/16 12:52	1
Freon 113	<0.50		0.50	0.15	ug/L			05/24/16 12:52	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			05/24/16 12:52	1
2-Hexanone	<10		10	5.0	ug/L			05/24/16 12:52	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			05/24/16 12:52	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			05/24/16 12:52	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			05/24/16 12:52	1
2-Butanone (MEK)	<10		10	5.0	ug/L			05/24/16 12:52	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			05/24/16 12:52	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			05/24/16 12:52	1
Naphthalene	<1.0		1.0	0.43	ug/L			05/24/16 12:52	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:52	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:52	1
o-Xylene	<0.50		0.50	0.086	ug/L			05/24/16 12:52	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:52	1
Styrene	<0.50		0.50	0.089	ug/L			05/24/16 12:52	1

Client Sample ID: HAMP-23

Date Collected: 05/16/16 09:55
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-4

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			05/24/16 12:52	1
tert-Butyl alcohol	<10	*	10	1.6	ug/L			05/24/16 12:52	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:52	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			05/24/16 12:52	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			05/24/16 12:52	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			05/24/16 12:52	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			05/24/16 12:52	1
Toluene	<0.50		0.50	0.086	ug/L			05/24/16 12:52	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 12:52	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			05/24/16 12:52	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 12:52	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			05/24/16 12:52	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			05/24/16 12:52	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			05/24/16 12:52	1
Trichloroethene	<0.50		0.50	0.13	ug/L			05/24/16 12:52	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			05/24/16 12:52	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			05/24/16 12:52	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			05/24/16 12:52	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 12:52	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			05/24/16 12:52	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			05/24/16 12:52	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			05/24/16 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*05/24/16 12:52*	*1*
1,2-Dichlorobenzene-d4	*99*		*70 - 130*		*05/24/16 12:52*	*1*

Client Sample ID: Trip Blank

Date Collected: 05/14/16 08:00
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-5

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			05/24/16 13:14	1
Benzene	<0.50		0.50	0.082	ug/L			05/24/16 13:14	1
Bromobenzene	<0.50		0.50	0.091	ug/L			05/24/16 13:14	1
Bromoform	<0.50		0.50	0.17	ug/L			05/24/16 13:14	1
Bromomethane	<1.0		1.0	0.20	ug/L			05/24/16 13:14	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			05/24/16 13:14	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 13:14	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			05/24/16 13:14	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			05/24/16 13:14	1
Chloroethane	<1.0		1.0	0.22	ug/L			05/24/16 13:14	1
Chloroform	<0.50		0.50	0.20	ug/L			05/24/16 13:14	1
Chloromethane	<0.50		0.50	0.15	ug/L			05/24/16 13:14	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			05/24/16 13:14	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			05/24/16 13:14	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 13:14	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			05/24/16 13:14	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			05/24/16 13:14	1
Dibromomethane	<0.50		0.50	0.16	ug/L			05/24/16 13:14	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			05/24/16 13:14	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			05/24/16 13:14	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			05/24/16 13:14	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			05/24/16 13:14	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			05/24/16 13:14	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			05/24/16 13:14	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			05/24/16 13:14	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			05/24/16 13:14	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			05/24/16 13:14	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			05/24/16 13:14	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			05/24/16 13:14	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			05/24/16 13:14	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			05/24/16 13:14	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			05/24/16 13:14	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			05/24/16 13:14	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			05/24/16 13:14	1
Freon 113	<0.50		0.50	0.15	ug/L			05/24/16 13:14	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			05/24/16 13:14	1
2-Hexanone	<10		10	5.0	ug/L			05/24/16 13:14	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			05/24/16 13:14	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			05/24/16 13:14	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			05/24/16 13:14	1
2-Butanone (MEK)	<10		10	5.0	ug/L			05/24/16 13:14	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			05/24/16 13:14	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			05/24/16 13:14	1
Naphthalene	<1.0		1.0	0.43	ug/L			05/24/16 13:14	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 13:14	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 13:14	1
o-Xylene	<0.50		0.50	0.086	ug/L			05/24/16 13:14	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 13:14	1
Styrene	<0.50		0.50	0.089	ug/L			05/24/16 13:14	1

Client Sample ID: Trip Blank

Date Collected: 05/14/16 08:00
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-5

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			05/24/16 13:14	1
tert-Butyl alcohol	<10	*	10	1.6	ug/L			05/24/16 13:14	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 13:14	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			05/24/16 13:14	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			05/24/16 13:14	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			05/24/16 13:14	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			05/24/16 13:14	1
Toluene	<0.50		0.50	0.086	ug/L			05/24/16 13:14	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 13:14	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			05/24/16 13:14	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 13:14	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			05/24/16 13:14	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			05/24/16 13:14	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			05/24/16 13:14	1
Trichloroethene	<0.50		0.50	0.13	ug/L			05/24/16 13:14	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			05/24/16 13:14	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			05/24/16 13:14	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			05/24/16 13:14	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 13:14	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			05/24/16 13:14	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			05/24/16 13:14	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			05/24/16 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*05/24/16 13:14*	*1*
1,2-Dichlorobenzene-d4	*101*		*70 - 130*		*05/24/16 13:14*	*1*

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

Lab Sample ID: MB 680-434555/9
Matrix: Water
Analysis Batch: 434555

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			05/24/16 09:28	1
Benzene	<0.50		0.50	0.082	ug/L			05/24/16 09:28	1
Bromobenzene	<0.50		0.50	0.091	ug/L			05/24/16 09:28	1
Bromoform	<0.50		0.50	0.17	ug/L			05/24/16 09:28	1
Bromomethane	<1.0		1.0	0.20	ug/L			05/24/16 09:28	1
Carbon tetrachloride	<0.50		0.50	0.11	ug/L			05/24/16 09:28	1
Chlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 09:28	1
Chlorobromomethane	<0.50		0.50	0.30	ug/L			05/24/16 09:28	1
Chlorodibromomethane	<0.50		0.50	0.13	ug/L			05/24/16 09:28	1
Chloroethane	<1.0		1.0	0.22	ug/L			05/24/16 09:28	1
Chloroform	<0.50		0.50	0.20	ug/L			05/24/16 09:28	1
Chloromethane	<0.50		0.50	0.15	ug/L			05/24/16 09:28	1
2-Chlorotoluene	<0.50		0.50	0.11	ug/L			05/24/16 09:28	1
4-Chlorotoluene	<0.50		0.50	0.13	ug/L			05/24/16 09:28	1
cis-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 09:28	1
cis-1,3-Dichloropropene	<0.50		0.50	0.081	ug/L			05/24/16 09:28	1
1,2-Dibromo-3-Chloropropane	<0.50		0.50	0.30	ug/L			05/24/16 09:28	1
Dibromomethane	<0.50		0.50	0.16	ug/L			05/24/16 09:28	1
1,2-Dichlorobenzene	<0.50		0.50	0.16	ug/L			05/24/16 09:28	1
1,3-Dichlorobenzene	<0.50		0.50	0.11	ug/L			05/24/16 09:28	1
1,4-Dichlorobenzene	<0.50		0.50	0.13	ug/L			05/24/16 09:28	1
Dichlorobromomethane	<0.50		0.50	0.079	ug/L			05/24/16 09:28	1
Dichlorodifluoromethane	<0.50		0.50	0.34	ug/L			05/24/16 09:28	1
1,1-Dichloroethane	<0.50		0.50	0.078	ug/L			05/24/16 09:28	1
1,2-Dichloroethane	<0.50		0.50	0.086	ug/L			05/24/16 09:28	1
1,1-Dichloroethene	<0.50		0.50	0.15	ug/L			05/24/16 09:28	1
1,2-Dichloropropane	<0.50		0.50	0.096	ug/L			05/24/16 09:28	1
1,3-Dichloropropane	<0.50		0.50	0.10	ug/L			05/24/16 09:28	1
2,2-Dichloropropane	<0.50		0.50	0.20	ug/L			05/24/16 09:28	1
1,1-Dichloropropene	<0.50		0.50	0.095	ug/L			05/24/16 09:28	1
1,3-Dichloropropene, Total	<0.50		0.50	0.081	ug/L			05/24/16 09:28	1
Diisopropyl ether	<0.50		0.50	0.28	ug/L			05/24/16 09:28	1
Ethylbenzene	<0.50		0.50	0.099	ug/L			05/24/16 09:28	1
Ethylene Dibromide	<0.50		0.50	0.20	ug/L			05/24/16 09:28	1
Freon 113	<0.50		0.50	0.15	ug/L			05/24/16 09:28	1
Hexachlorobutadiene	<0.50		0.50	0.26	ug/L			05/24/16 09:28	1
2-Hexanone	<10		10	5.0	ug/L			05/24/16 09:28	1
Isopropylbenzene	<0.50		0.50	0.15	ug/L			05/24/16 09:28	1
4-Isopropyltoluene	<0.50		0.50	0.21	ug/L			05/24/16 09:28	1
Methylene Chloride	<0.50		0.50	0.20	ug/L			05/24/16 09:28	1
2-Butanone (MEK)	<10		10	5.0	ug/L			05/24/16 09:28	1
4-Methyl-2-pentanone (MIBK)	<10		10	5.0	ug/L			05/24/16 09:28	1
m-Xylene & p-Xylene	<0.50		0.50	0.15	ug/L			05/24/16 09:28	1
Naphthalene	<1.0		1.0	0.43	ug/L			05/24/16 09:28	1
n-Butylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 09:28	1
N-Propylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 09:28	1
o-Xylene	<0.50		0.50	0.086	ug/L			05/24/16 09:28	1
sec-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 09:28	1

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

Lab Sample ID: MB 680-434555/9
Matrix: Water
Analysis Batch: 434555

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			05/24/16 09:28	1
Tert-amyl methyl ether	<0.50		0.50	0.20	ug/L			05/24/16 09:28	1
tert-Butyl alcohol	<10		10	1.6	ug/L			05/24/16 09:28	1
tert-Butylbenzene	<0.50		0.50	0.14	ug/L			05/24/16 09:28	1
Tert-butyl ethyl ether	<0.50		0.50	0.26	ug/L			05/24/16 09:28	1
1,1,1,2-Tetrachloroethane	<0.50		0.50	0.24	ug/L			05/24/16 09:28	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	0.13	ug/L			05/24/16 09:28	1
Tetrachloroethene	<0.50		0.50	0.18	ug/L			05/24/16 09:28	1
Toluene	<0.50		0.50	0.086	ug/L			05/24/16 09:28	1
trans-1,2-Dichloroethene	<0.50		0.50	0.090	ug/L			05/24/16 09:28	1
trans-1,3-Dichloropropene	<0.50		0.50	0.11	ug/L			05/24/16 09:28	1
1,2,3-Trichlorobenzene	<0.50		0.50	0.14	ug/L			05/24/16 09:28	1
1,2,4-Trichlorobenzene	<0.50		0.50	0.12	ug/L			05/24/16 09:28	1
1,1,1-Trichloroethane	<0.50		0.50	0.15	ug/L			05/24/16 09:28	1
1,1,2-Trichloroethane	<0.50		0.50	0.16	ug/L			05/24/16 09:28	1
Trichloroethene	<0.50		0.50	0.13	ug/L			05/24/16 09:28	1
Trichlorofluoromethane	<0.50		0.50	0.23	ug/L			05/24/16 09:28	1
1,2,3-Trichloropropane	<0.50		0.50	0.17	ug/L			05/24/16 09:28	1
Trihalomethanes, Total	<0.50		0.50	0.079	ug/L			05/24/16 09:28	1
1,2,4-Trimethylbenzene	<0.50		0.50	0.17	ug/L			05/24/16 09:28	1
1,3,5-Trimethylbenzene	<0.50		0.50	0.16	ug/L			05/24/16 09:28	1
Vinyl chloride	<0.50		0.50	0.16	ug/L			05/24/16 09:28	1
Xylenes, Total	<0.50		0.50	0.086	ug/L			05/24/16 09:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*05/24/16 09:28*	*1*
1,2-Dichlorobenzene-d4	*97*		*70 - 130*		*05/24/16 09:28*	*1*

Lab Sample ID: LCS 680-434555/3
Matrix: Water
Analysis Batch: 434555

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	103		ug/L		103	70 - 130
Benzene	20.0	20.1		ug/L		101	70 - 130
Bromobenzene	20.0	19.1		ug/L		96	70 - 130
Bromoform	20.0	20.9		ug/L		105	70 - 130
Bromomethane	20.0	16.5		ug/L		83	70 - 130
Carbon tetrachloride	20.0	21.1		ug/L		106	70 - 130
Chlorobenzene	20.0	19.9		ug/L		99	70 - 130
Chlorobromomethane	20.0	20.3		ug/L		101	70 - 130
Chlorodibromomethane	20.0	21.2		ug/L		106	70 - 130
Chloroethane	20.0	19.5		ug/L		98	70 - 130
Chloroform	20.0	20.0		ug/L		100	70 - 130
Chloromethane	20.0	20.4		ug/L		102	70 - 130
2-Chlorotoluene	20.0	19.8		ug/L		99	70 - 130
4-Chlorotoluene	20.0	19.8		ug/L		99	70 - 130
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	70 - 130

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

Lab Sample ID: LCS 680-434555/3
Matrix: Water
Analysis Batch: 434555

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	20.6		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	21.5		ug/L		107	70 - 130
Dibromomethane	20.0	20.6		ug/L		103	70 - 130
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	70 - 130
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	70 - 130
Dichlorobromomethane	20.0	20.9		ug/L		104	70 - 130
Dichlorodifluoromethane	20.0	17.3		ug/L		87	70 - 130
1,1-Dichloroethane	20.0	20.4		ug/L		102	70 - 130
1,2-Dichloroethane	20.0	21.2		ug/L		106	70 - 130
1,1-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
1,2-Dichloropropane	20.0	19.9		ug/L		99	70 - 130
1,3-Dichloropropane	20.0	21.3		ug/L		107	70 - 130
2,2-Dichloropropane	20.0	20.7		ug/L		104	70 - 130
1,1-Dichloropropene	20.0	20.1		ug/L		100	70 - 130
1,3-Dichloropropene, Total	40.0	42.0		ug/L		105	70 - 130
Diisopropyl ether	20.0	21.3		ug/L		106	70 - 130
Ethylbenzene	20.0	20.3		ug/L		102	70 - 130
Ethylene Dibromide	20.0	21.6		ug/L		108	70 - 130
Freon 113	20.0	20.4		ug/L		102	70 - 130
Hexachlorobutadiene	20.0	18.8		ug/L		94	70 - 130
2-Hexanone	100	118		ug/L		118	70 - 130
Isopropylbenzene	20.0	20.5		ug/L		102	70 - 130
4-Isopropyltoluene	20.0	20.4		ug/L		102	70 - 130
Methylene Chloride	20.0	19.5		ug/L		98	70 - 130
2-Butanone (MEK)	100	110		ug/L		110	70 - 130
4-Methyl-2-pentanone (MIBK)	100	118		ug/L		118	70 - 130
m-Xylene & p-Xylene	20.0	20.4		ug/L		102	70 - 130
Naphthalene	20.0	21.5		ug/L		108	70 - 130
n-Butylbenzene	20.0	20.2		ug/L		101	70 - 130
N-Propylbenzene	20.0	20.5		ug/L		103	70 - 130
o-Xylene	20.0	20.4		ug/L		102	70 - 130
sec-Butylbenzene	20.0	20.7		ug/L		104	70 - 130
Styrene	20.0	20.7		ug/L		103	70 - 130
Tert-amyl methyl ether	20.0	20.7		ug/L		103	70 - 130
tert-Butyl alcohol	200	229		ug/L		115	70 - 130
tert-Butylbenzene	20.0	20.7		ug/L		103	70 - 130
Tert-butyl ethyl ether	20.0	21.0		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	20.0	19.9		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		104	70 - 130
Tetrachloroethene	20.0	19.9		ug/L		99	70 - 130
Toluene	20.0	20.0		ug/L		100	70 - 130
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	70 - 130
trans-1,3-Dichloropropene	20.0	21.3		ug/L		107	70 - 130
1,2,3-Trichlorobenzene	20.0	20.1		ug/L		101	70 - 130
1,2,4-Trichlorobenzene	20.0	18.9		ug/L		95	70 - 130
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	70 - 130
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	70 - 130

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

Lab Sample ID: LCS 680-434555/3
Matrix: Water
Analysis Batch: 434555

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	20.4		ug/L		102	70 - 130
Trichlorofluoromethane	20.0	21.1		ug/L		105	70 - 130
1,2,3-Trichloropropane	20.0	20.7		ug/L		103	70 - 130
Trihalomethanes, Total	80.0	83.0		ug/L		104	70 - 130
1,2,4-Trimethylbenzene	20.0	20.5		ug/L		102	70 - 130
1,3,5-Trimethylbenzene	20.0	20.8		ug/L		104	70 - 130
Vinyl chloride	20.0	19.4		ug/L		97	70 - 130
Xylenes, Total	40.0	40.9		ug/L		102	70 - 130

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

Lab Sample ID: LCSD 680-434555/4
Matrix: Water
Analysis Batch: 434555

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	103		ug/L		103	70 - 130	0	30
Benzene	20.0	20.0		ug/L		100	70 - 130	1	30
Bromobenzene	20.0	19.2		ug/L		96	70 - 130	0	30
Bromoform	20.0	20.6		ug/L		103	70 - 130	2	30
Bromomethane	20.0	16.3		ug/L		82	70 - 130	1	30
Carbon tetrachloride	20.0	20.2		ug/L		101	70 - 130	4	30
Chlorobenzene	20.0	19.7		ug/L		98	70 - 130	1	30
Chlorobromomethane	20.0	20.5		ug/L		102	70 - 130	1	30
Chlorodibromomethane	20.0	20.1		ug/L		100	70 - 130	5	30
Chloroethane	20.0	19.0		ug/L		95	70 - 130	3	30
Chloroform	20.0	19.7		ug/L		98	70 - 130	1	30
Chloromethane	20.0	23.3		ug/L		117	70 - 130	13	30
2-Chlorotoluene	20.0	19.5		ug/L		98	70 - 130	1	30
4-Chlorotoluene	20.0	19.6		ug/L		98	70 - 130	1	30
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	70 - 130	0	30
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	20.0	22.4		ug/L		112	70 - 130	4	30
Dibromomethane	20.0	20.0		ug/L		100	70 - 130	3	30
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	70 - 130	1	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	70 - 130	0	30
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	70 - 130	2	30
Dichlorobromomethane	20.0	20.4		ug/L		102	70 - 130	2	30
Dichlorodifluoromethane	20.0	16.5		ug/L		82	70 - 130	5	30
1,1-Dichloroethane	20.0	20.2		ug/L		101	70 - 130	1	30
1,2-Dichloroethane	20.0	20.9		ug/L		105	70 - 130	1	30
1,1-Dichloroethene	20.0	19.2		ug/L		96	70 - 130	2	30
1,2-Dichloropropane	20.0	19.9		ug/L		100	70 - 130	0	30
1,3-Dichloropropane	20.0	21.2		ug/L		106	70 - 130	0	30
2,2-Dichloropropane	20.0	20.3		ug/L		102	70 - 130	2	30
1,1-Dichloropropene	20.0	20.2		ug/L		101	70 - 130	1	30

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

Lab Sample ID: LCSD 680-434555/4
Matrix: Water
Analysis Batch: 434555

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropene, Total	40.0	41.8		ug/L		104	70 - 130	0	30
Diisopropyl ether	20.0	21.2		ug/L		106	70 - 130	0	30
Ethylbenzene	20.0	20.0		ug/L		100	70 - 130	2	30
Ethylene Dibromide	20.0	21.4		ug/L		107	70 - 130	1	30
Freon 113	20.0	19.2		ug/L		96	70 - 130	6	30
Hexachlorobutadiene	20.0	18.6		ug/L		93	70 - 130	1	30
2-Hexanone	100	124		ug/L		124	70 - 130	5	30
Isopropylbenzene	20.0	20.1		ug/L		100	70 - 130	2	30
4-Isopropyltoluene	20.0	20.3		ug/L		102	70 - 130	0	30
Methylene Chloride	20.0	19.6		ug/L		98	70 - 130	0	30
2-Butanone (MEK)	100	115		ug/L		115	70 - 130	5	30
4-Methyl-2-pentanone (MIBK)	100	124		ug/L		124	70 - 130	5	30
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	70 - 130	2	30
Naphthalene	20.0	22.1		ug/L		111	70 - 130	3	30
n-Butylbenzene	20.0	20.1		ug/L		101	70 - 130	0	30
N-Propylbenzene	20.0	20.3		ug/L		101	70 - 130	1	30
o-Xylene	20.0	20.3		ug/L		101	70 - 130	1	30
sec-Butylbenzene	20.0	20.5		ug/L		102	70 - 130	1	30
Styrene	20.0	20.4		ug/L		102	70 - 130	1	30
Tert-amyl methyl ether	20.0	21.3		ug/L		106	70 - 130	3	30
tert-Butyl alcohol	200	273	*	ug/L		136	70 - 130	17	30
tert-Butylbenzene	20.0	20.4		ug/L		102	70 - 130	1	30
Tert-butyl ethyl ether	20.0	21.2		ug/L		106	70 - 130	1	30
1,1,1,2-Tetrachloroethane	20.0	19.3		ug/L		96	70 - 130	3	30
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/L		105	70 - 130	1	30
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 130	3	30
Toluene	20.0	20.0		ug/L		100	70 - 130	0	30
trans-1,2-Dichloroethene	20.0	18.9		ug/L		94	70 - 130	2	30
trans-1,3-Dichloropropene	20.0	21.5		ug/L		107	70 - 130	1	30
1,2,3-Trichlorobenzene	20.0	19.7		ug/L		99	70 - 130	2	30
1,2,4-Trichlorobenzene	20.0	19.2		ug/L		96	70 - 130	1	30
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	70 - 130	3	30
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	70 - 130	0	30
Trichloroethene	20.0	20.0		ug/L		100	70 - 130	2	30
Trichlorofluoromethane	20.0	19.4		ug/L		97	70 - 130	8	30
1,2,3-Trichloropropane	20.0	21.5		ug/L		108	70 - 130	4	30
Trihalomethanes, Total	80.0	80.8		ug/L		101	70 - 130	3	30
1,2,4-Trimethylbenzene	20.0	20.3		ug/L		102	70 - 130	1	30
1,3,5-Trimethylbenzene	20.0	20.4		ug/L		102	70 - 130	2	30
Vinyl chloride	20.0	19.1		ug/L		95	70 - 130	2	30
Xylenes, Total	40.0	40.3		ug/L		101	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 130*
1,2-Dichlorobenzene-d4	*100*		*70 - 130*

GC/MS VOA

Analysis Batch: 434555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125335-1	RFW-20	Total/NA	Water	524.2	
680-125335-2	RFW-21	Total/NA	Water	524.2	
680-125335-3	HAMP-22	Total/NA	Water	524.2	
680-125335-4	HAMP-23	Total/NA	Water	524.2	
680-125335-5	Trip Blank	Total/NA	Water	524.2	
LCS 680-434555/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-434555/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 680-434555/9	Method Blank	Total/NA	Water	524.2	

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Lab Chronicle

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

TestAmerica Job ID: 680-125335-1

Client Sample ID: RFW-20

Date Collected: 05/14/16 09:10
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-1
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	434555	05/24/16 11:44	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: RFW-21

Date Collected: 05/14/16 08:20
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-2
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	434555	05/24/16 12:06	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-22

Date Collected: 05/16/16 10:00
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-3
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	434555	05/24/16 12:29	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: HAMP-23

Date Collected: 05/16/16 09:55
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-4
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	434555	05/24/16 12:52	DAS	TAL SAV
	Instrument ID: CMSS									

Client Sample ID: Trip Blank

Date Collected: 05/14/16 08:00
Date Received: 05/17/16 09:10

Lab Sample ID: 680-125335-5
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	434555	05/24/16 13:14	DAS	TAL SAV
	Instrument ID: CMSS									

Laboratory References:

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

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Serial Number 114352

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Black + Decker	PROJECT NO.	PROJECT LOCATION (STATE)
TAL (LAB) PROJECT MANAGER: Beth Daugherty / LISA HARVEY	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Greg Flasinski	CLIENT PHONE	CLIENT FAX
CLIENT NAME: Weston Solutions	CLIENT E-MAIL	
CLIENT ADDRESS: 1410 Weston Way WC PA 19380		
COMPANY CONTRACTING THIS WORK (if applicable)		

REQUIRED ANALYSIS: VOC (HCl)

PAGE ___ OF ___

STANDARD REPORT DELIVERY ○ DATE DUE ______

EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE ______

NUMBER OF COOLERS SUBMITTED PER SHIPMENT.

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED: VOC	REMARKS
5/14/16	910	RFW-20	G	/				3	
5/14	820	RFW-21		/				3	
5/16	1000	HAMP-22		/				3	
5/16	955	HAMP-23		/				3	
5/14/16	800	Trip Blank		/				2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	5/16/16	1700						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

680-125335 Chain of Custody

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	5/17/16	09:10	YES ○ NO ○		680-125335	3.1/3.4

TAL8240-680 (1008)

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-125335-1

Login Number: 125335
List Number: 1
Creator: Kicklighter, Marilyn D

List Source: TestAmerica Savannah

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

Certification Summary

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

TestAmerica Job ID: 680-125335-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

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

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