

**ANNUAL REPORT**

Prepared for

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

**Hampstead, Maryland**

July 2009

Prepared by

**WESTON SOLUTIONS, INC.**

West Chester, Pennsylvania 19380-1499

W.O. No. 02501.004.004.0700

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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 2008 through June 2009.

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 July through December 2008 and January through June 2009, 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 2009 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 162 gpm.

### **2.2 EFFLUENT CHARACTERISTICS**

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of July 2008 through June 2009 are included in Appendix B.

### **2.3 GROUNDWATER QUALITY DATA**

For the reporting period of July 2008 through June 2009, approximately 78.1 pounds (lb) 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 trichloroethene (TCE) (84.2 %) and tetrachloroethene (PCE) (15.8 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July 2008 through June 2009 are included in Appendix C.

A summary of the analytical results of the groundwater samples collected from the monitor and extraction wells during the third and fourth quarters of 2008 and the first and second quarters of

**Table 2-1**  
**Treatment System Pumping Records**  
**(July 2008 through June 2009)**

**Black & Decker**  
**Hampstead, Maryland**

<b>Date</b>	<b>Water Pumped (gallons)</b>
July 2008	6,306,339
August 2008	6,110,707
September 2008	5,079,145
October 2008	6,564,137
November 2008	6,263,267
December 2008	6,501,837
January 2009	6,143,140
February 2009	5,882,030
March 2009	6,039,130
April 2009	5,705,150
May 2009	6,616,909
June 2009	6,544,709

**Table 2-2**  
**Groundwater Elevation Data (July 2008 through June 2009)**

**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	7/26/2008		8/27/2008		9/29/2008		10/27/2008	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	78.90	770.31	62.10	787.11	72.12	777.09	74.83	774.38
EW-3	846.64	118	95.78	750.86	97.40	749.24	83.14	763.50	85.11	761.53
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	80.71	783.46	64.69	799.48	65.33	798.84	61.54	802.63
EW-6	831.98	115	94.60	737.38	103.20	728.78	79.08	752.90	103.23	728.75
EW-7	818.38	78	66.43	751.95	71.71	746.67	71.50	746.88	73.60	744.78
EW-8	811.13	98	86.11	725.02	91.70	719.43	91.17	719.96	92.10	719.03
EW-9	811.35	141	102.50	708.85	103.70	707.65	102.30	709.05	104.20	707.15
EW-10	807.74	NA	58.64	749.10	59.90	747.84	57.82	749.92	61.43	746.31
RFW-1A	864.37	78	51.65	812.72	48.21	816.16	49.11	815.26	50.68	813.69
RFW-1B	864.23	200	51.59	812.64	48.24	815.99	49.14	815.09	50.73	813.50
RFW-2A	857.41	35	14.21	843.20	17.51	839.90	16.84	840.57	16.99	840.42
RFW-2B	857.73	75	14.82	842.91	18.11	839.62	17.30	840.43	17.41	840.32
RFW-3B	839.21	153	38.01	801.20	35.86	803.35	37.41	801.80	38.10	801.11
RFW-4A	830.37	62	37.41	792.96	35.51	794.86	37.79	792.58	42.73	787.64
RFW-4B	830.37	120	37.30	793.07	35.43	794.94	37.71	792.66	42.68	787.69
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	4.14	780.90	4.85	780.19	4.06	780.98	4.46	780.58
RFW-7	805.14	29	7.89	797.25	7.51	797.63	7.84	797.30	8.14	797.00
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	28.37	833.65	28.16	833.86	28.26	833.76	28.77	833.25
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	66.75	782.87	65.48	784.14	66.63	782.99	66.84	782.78
RFW-12B	844.87	264	55.12	789.75	48.90	795.97	51.11	793.76	51.47	793.40
RFW-13	849.11	150	65.10	784.01	65.46	783.65	65.22	783.89	65.90	783.21
RFW-14B	812.39	281	54.53	757.86	49.58	762.81	44.83	767.56	45.11	767.28
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	29.78	804.88	27.41	807.25	27.84	806.82	28.02	806.64
RFW-20	842.29	142	38.83	803.46	35.63	806.66	35.69	806.60	35.84	806.45
RFW-21	832.65	102	24.18	808.47	23.18	809.47	24.63	808.02	25.30	807.35
PH-7	805.94	89	39.31	766.63	37.69	768.25	38.26	767.68	40.06	765.88
PH-9	814.94	98	47.43	767.51	55.23	759.71	50.09	764.85	50.41	764.53
PH-11	820.68	78	49.40	771.28	50.78	769.90	51.30	769.38	51.48	769.20
PH-12	828.35	87	50.66	777.69	51.52	776.83	52.02	776.33	52.30	776.05
B-3	803.02	83	10.78	792.24	9.17	793.85	9.47	793.55	9.41	793.61
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	17.14	787.82	17.11	787.85	34.74	770.22	29.85	775.11
Pembroke #1	NA	NA	14.47	NA	16.00	NA	14.70	NA	12.61	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	11.08	NA	12.11	NA	11.08	NA	10.21	NA
E. Century St.	NA	NA	22.31	NA	19.46	NA	19.21	NA	19.21	NA
Lwr. Beckleys. Rd.	NA	NA	54.83	NA	54.64	NA	53.74	NA	54.02	NA

**Table 2-2**  
**Groundwater Elevation Data (July 2008 through June 2009)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	11/5/2008		12/22/2008		1/22/2009		2/25/2009	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	74.36	774.85	74.96	774.25	68.90	780.31	78.11	771.10
EW-3	846.64	118	87.81	758.83	88.11	758.53	90.41	756.23	77.31	769.33
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	61.54	802.63	69.94	794.23	63.42	800.75	71.25	792.92
EW-6	831.98	115	103.61	728.37	104.70	727.28	102.91	729.07	103.26	728.72
EW-7	818.38	78	73.50	744.88	74.31	744.07	72.69	745.69	71.79	746.59
EW-8	811.13	98	91.71	719.42	90.89	720.24	90.60	720.53	91.41	719.72
EW-9	811.35	141	102.60	708.75	101.87	709.48	104.78	706.57	104.00	707.35
EW-10	807.74	NA	59.81	747.93	60.40	747.34	64.31	743.43	55.88	751.86
RFW-1A	864.37	78	48.00	816.37	50.26	814.11	47.68	816.69	49.39	814.98
RFW-1B	864.23	200	48.04	816.19	50.30	813.93	47.74	816.49	49.45	814.78
RFW-2A	857.41	35	17.81	839.60	17.43	839.98	17.94	839.47	16.06	841.35
RFW-2B	857.73	75	18.42	839.31	17.97	839.76	18.47	839.26	16.72	841.01
RFW-3B	839.21	153	38.46	800.75	38.26	800.95	39.21	800.00	37.65	801.56
RFW-4A	830.37	62	38.41	791.96	42.89	787.48	39.57	790.80	41.86	788.51
RFW-4B	830.37	120	38.32	792.05	42.76	787.61	39.46	790.91	41.71	788.66
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	4.53	780.51	3.98	781.06	4.61	780.43	5.81	779.23
RFW-7	805.14	29	6.85	798.29	7.89	797.25	7.49	797.65	7.18	797.96
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	28.09	833.93	29.41	832.61	28.11	833.91	27.90	834.12
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	66.61	783.01	67.40	782.22	67.40	782.22	67.43	782.19
RFW-12B	844.87	264	50.84	794.03	52.51	792.36	51.32	793.55	50.86	794.01
RFW-13	849.11	150	65.69	783.42	66.04	783.07	66.60	782.51	66.87	782.24
RFW-14B	812.39	281	45.98	766.41	46.22	766.17	46.30	766.09	50.45	761.94
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	28.52	806.14	27.87	806.79	28.73	805.93	28.16	806.50
RFW-20	842.29	142	32.61	809.68	35.58	806.71	33.34	808.95	36.09	806.20
RFW-21	832.65	102	23.60	809.05	25.03	807.62	23.86	808.79	23.00	809.65
PH-7	805.94	89	37.76	768.18	40.86	765.08	41.31	764.63	33.81	772.13
PH-9	814.94	98	50.83	764.11	49.73	765.21	50.08	764.86	56.80	758.14
PH-11	820.68	78	51.43	769.25	51.53	769.15	51.86	768.82	51.26	769.42
PH-12	828.35	87	51.87	776.48	52.61	775.74	52.93	775.42	54.04	774.31
B-3	803.02	83	9.78	793.24	9.13	793.89	8.94	794.08	9.22	793.80
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	26.10	778.86	24.16	780.80	18.12	786.84	16.99	787.97
Pembroke #1	NA	NA	13.87	NA	11.24	NA	12.88	NA	11.73	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	10.47	NA	9.19	NA	10.12	NA	10.26	NA
E. Century St.	NA	NA	21.14	NA	19.47	NA	21.19	NA	19.27	NA
Lwr. Beckleys. Rd.	NA	NA	54.33	NA	55.17	NA	55.10	NA	54.73	NA

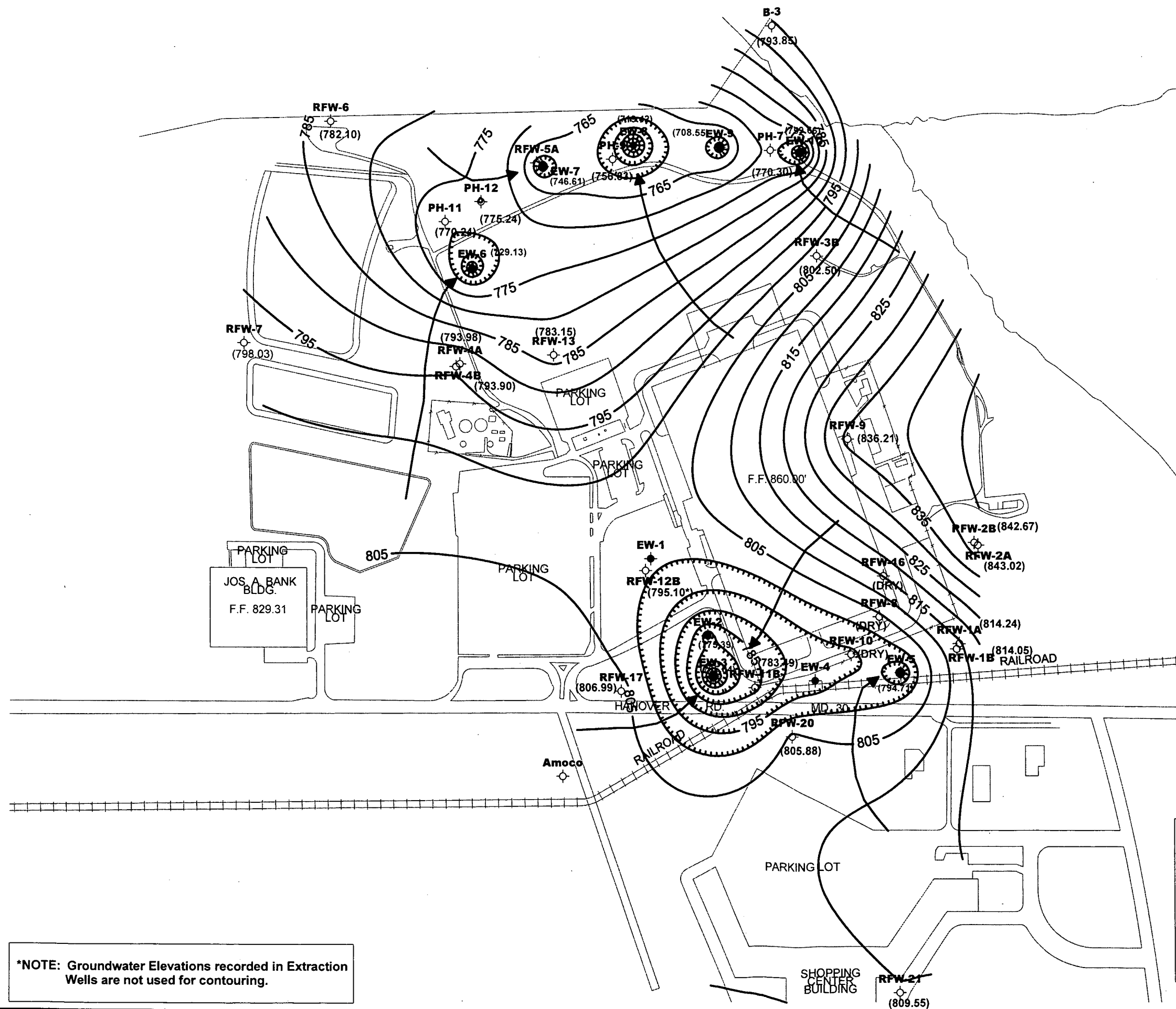


**Table 2-2**  
**Groundwater Elevation Data (July 2008 through June 2009)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	3/18/2009		4/22/09		5/20/09		6/27/09	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	79.54	769.67	78.26	770.95	76.60	772.61	73.82	775.39
EW-3	846.64	118	81.13	765.51	82.20	764.44	84.24	762.40	79.80	766.84
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	69.41	794.76	69.84	794.33	71.63	792.54	69.46	794.71
EW-6	831.98	115	101.87	730.11	49.99	781.99	103.60	728.38	102.85	729.13
EW-7	818.38	78	70.43	747.95	71.97	746.41	71.75	746.63	71.77	746.61
EW-8	811.13	98	90.84	720.29	91.02	720.11	91.75	719.38	91.71	719.42
EW-9	811.35	141	102.00	709.35	103.00	708.35	103.51	707.84	102.80	708.55
EW-10	807.74	NA	56.11	751.63	52.21	755.53	47.93	759.81	48.08	759.66
RFW-1A	864.37	78	50.46	813.91	50.23	814.14	49.77	814.60	50.13	814.24
RFW-1B	864.23	200	50.51	813.72	50.27	813.96	49.80	814.43	50.18	814.05
RFW-2A	857.41	35	15.94	841.47	15.49	841.92	14.25	843.16	14.39	843.02
RFW-2B	857.73	75	16.36	841.37	15.78	841.95	14.90	842.83	15.06	842.67
RFW-3B	839.21	153	36.89	802.32	36.34	802.87	35.27	803.94	36.71	802.50
RFW-4A	830.37	62	39.47	790.90	38.40	791.97	37.30	793.07	36.39	793.98
RFW-4B	830.37	120	39.26	791.11	38.52	791.85	37.33	793.04	36.47	793.90
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	5.04	780.00	3.93	781.11	3.74	781.30	2.94	782.10
RFW-7	805.14	29	7.49	797.65	6.81	798.33	5.85	799.29	7.11	798.03
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	28.40	833.62	26.42	835.60	25.97	836.05	25.81	836.21
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	66.84	782.78	66.93	782.69	66.60	783.02	66.13	783.49
RFW-12B	844.87	264	50.39	794.48	50.38	794.49	51.00	793.87	49.77	795.10
RFW-13	849.11	150	66.91	782.20	66.08	783.03	66.25	782.86	65.96	783.15
RFW-14B	812.39	281	50.61	761.78	51.30	761.09	51.60	760.79	53.94	758.45
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	28.33	806.33	27.91	806.75	27.16	807.50	27.67	806.99
RFW-20	842.29	142	36.16	806.13	36.26	806.03	35.23	807.06	36.41	805.88
RFW-21	832.65	102	22.94	809.71	22.66	809.99	22.22	810.43	23.10	809.55
PH-7	805.94	89	34.04	771.90	33.51	772.43	26.15	779.79	35.64	770.30
PH-9	814.94	98	55.41	759.53	57.39	757.55	56.50	758.44	58.11	756.83
PH-11	820.68	78	50.94	769.74	49.71	770.97	49.65	771.03	50.40	770.28
PH-12	828.35	87	53.90	774.45	52.67	775.68	52.48	775.87	53.11	775.24
B-3	803.02	83	8.74	794.28	8.68	794.34	9.05	793.97	9.17	793.85
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	13.84	791.12	15.71	789.25	27.85	777.11	16.64	788.32
Pembroke #1	NA	NA	12.11	NA	12.24	NA	12.30	NA	12.61	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.44	NA	9.17	NA	10.15	NA	8.94	NA
E. Century St.	NA	NA	21.20	NA	22.04	NA	22.08	NA	21.41	NA
Lwr. Beckleys. Rd.	NA	NA	54.81	NA	53.83	NA	54.05	NA	54.41	NA

**LEGEND**

- Monitor Well
- Extraction Well
- (789.50) Monitor Well Groundwater Elevation (ft MSL)
- (746.58) Extraction Well Groundwater Elevation (ft MSL)\*
- 800 — Groundwater Elevation Contour (ft MSL)
- ← Groundwater Flowline



Former Black & Decker Facility  
Hampstead, Maryland

**GROUNDWATER ELEVATION CONTOUR MAP  
UNDER PUMPING CONDITIONS**

(June 2009)

\*NOTE: Groundwater Elevations recorded in Extraction Wells are not used for contouring.

**Table 2-3**  
**Effluent Characteristics Summary (July 2008 through June 2009)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				July 2008	August 2008	September 2008	October 2008	November 2008	December 2008
001	FLOW average	MGD	NA	0.097	0.058	0.133	0.120	0.157	0.170
	FLOW maximum	MGD	NA	0.151	0.089	0.400	0.286	0.316	0.662
	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	13	7.0
	Oil & Grease monthly average	mg/l	10	< 5	< 5	< 5	< 5	13	7.0
	pH minimum	STD	6.0	6.50	6.20	6.30	6.30	6.10	6.00
	pH maximum	STD	8.5	7.00	6.80	8.10	7.10	7.10	6.80
	BOD	mg/l	15	5.0	4.0	0.0	6.0	0.0	2.0
TSS maximum	mg/l	30	14.0	12.0	6.0	13.0	7.0	0.0	
TSS monthly average	mg/l	20	14.0	12.0	6.0	13.0	7.0	0.0	
101 (Monitoring Point)	FLOW average	MGD	NA	0.200	0.234	0.262	0.275	0.282	0.280
	FLOW maximum	MGD	NA	0.293	0.367	0.352	0.346	0.344	0.360
	Fecal Coliform	MPN/100ml	200	2.0	1.0	1.0	1.0	1.0	1.0
201 (Monitoring Point)	FLOW average	MGD	NA	NR	NR	0.190	NR	NR	0.210
	FLOW maximum	MGD	NA	NR	NR	0.254	NR	NR	0.236
	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 2008 through June 2009)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				January 2009	February 2009	March 2009	April 2009	May 2009	June 2009	
001	FLOW	average	MGD	NA	0.184	0.141	0.081	0.022	0.142	0.156
		maximum	MGD	NA	0.233	0.194	0.199	0.271	0.179	0.231
	1,1,1-Trichloroethane	ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Tetrachloroethylene	ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethylene	ug/l	5	< 1	< 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	< 0.1
	Oil & Grease	maximum	mg/l	15	< 5	7.0	7.0	< 5	< 5	< 5
		monthly average	mg/l	10	< 5	7.0	7.0	< 5	< 5	< 5
	pH	minimum	STD	6.0	6.40	6.40	6.40	6.40	6.50	6.50
		maximum	STD	8.5	6.90	6.70	7.30	6.80	7.00	8.20
BOD		mg/l	15	2.0	0.0	4.0	< 2	< 2	< 2	
TSS	maximum	mg/l	30	4.0	0.0	10.0	8.0	< 2	8.0	
	monthly average	mg/l	20	4.0	0.0	10.0	8.0	< 2	8.0	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.329	0.344	0.317	0.326	0.321	0.347
		maximum	MGD	NA	0.422	0.441	0.398	0.376	0.435	0.475
	Fecal Coliform	MPN/100ml	200	2.0	2.0	1.0	2.0	1.0	1.0	
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.201	NR	NR	0.207
		maximum	MGD	NA	NR	NR	0.255	NR	NR	0.273
	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

2009 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 RFW-12B, EW-2 and EW-4 and the highest concentrations of PCE were detected in the groundwater samples collected from well EW-9. The remainder of the detected VOCs, were detected at levels well below the Federal Maximum Concentration Levels (MCLs). The second quarter 2009 (May 2009) analytical data package is included in Appendix D. Analytical data packages for the remaining quarters are included in the respective Quarterly Groundwater Monitoring Reports.

Table 2-4  
 Summary of Groundwater Analytical Results - August 2008  
 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	1.1	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	1.1	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.1	2.4	1 U	1 U	1 U	9.8	27	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	1.8	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	350	150	1600	250	12	7.1	13	1.6	1.5	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	74	3.6	36	15	21	14	81	160	170	1 U
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.

**Table 2-4**  
**Summary of Groundwater Analytical Results - August 2008**  
**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	6.5	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	1.4	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	1.1	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	4.5	1 U	1 U	3.7	NS	1 U	1 U	NS	14	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.3	1.2	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	1.6	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	1.5	1.7	1 U	29	28	16	NS	4.8	10	NS	17	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	1.7	21	20	35	NS	3.9	1 U	NS	6.7	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 2008**  
**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	3.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.1	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 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	13	430	5.5	NS	1 U	ABD	ABD	ABD	1 U	0.6	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	1.3	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	36	24	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-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.



**Table 2-5**  
**Summary of Groundwater Analytical Results - November 2008**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.7	2.8	1 U	1 U	1 U	7.7	25	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	460	150	1000	230	11	5.5	11	1.7	1.2	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	64	3.8	23	16	20	11	70	180	190	2.1
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.

**Table 2-5**  
**Summary of Groundwater Analytical Results - November 2008**  
**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	1.3	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	4.9	1 U	1 U	4.1	NS	1	1 U	NS	11	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.2	1.1	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	1.4	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	1.6	1.9	3.9	26	26	50	NS	4.1	3.2	NS	15	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	2.7	18	18	81	NS	3.3	1 U	NS	4.7	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 2008**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	RFW-11	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 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	2.6 J
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.3	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 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	5 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 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	11	560	10	NS	1 U	ABD	ABD	ABD	1 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	2.5	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	46	32	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-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.

**Table 2-6**  
**Summary of Groundwater Analytical Results - February 2009**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 (DUP)	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.6	2.3	1 U	1 U	1 U	7.1	28	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	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	420	110	930	200	13	5.7	13	1.5	1.5	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	65	3.4	21	12	21	12	81	170	190	1.7
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	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.

**Table 2-6**  
**Summary of Groundwater Analytical Results - February 2009**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-4B (DUP)	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	1.2	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	4	1 U	3.7	3.9	NS	1 U	1 U	NS	14	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.1	1.8	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	1.5	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	1.4	1.9	3.1	24	52	57	NS	3.4	5.1	NS	16	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	2.5	16	81	91	NS	3.3	1 U	NS	6.8	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 2009**  
**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 U	0.5 U	0.5 U	0.5 U	0.26 J	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.9	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.33 J	0.44 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	0.33 J	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	11	450	4.4	NS	1 U	ABD	ABD	ABD	1 U	0.7	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	0.36 J	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	0.26 J	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	44	20	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-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.

Table 2-7

Summary of Groundwater Analytical Results - May 2009  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-3 DUP	EW-4 (5)	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1.8	1.3	1 U	1 U	1.1	2.5
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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.2	2.9	2.7	1 U	1 U	1 U	6	24	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	400	180	190	980	210	12	5.2	11	1.2	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	69	4.9	5.1	22	11	22	12	74	140	1.3
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

Table 2-7  
 Summary of Groundwater Analytical Results - May 2009  
 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	1.2	1 U	1 U	1 U	1 U	1 U	1.2	1.3	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	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
Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	1 U	5 U	NS	1 U	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	1 U	5 U	NS	1 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	1.3	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	4.1	1 U	1 U	3.9	NS	1 U	1 U	NS	13	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1.2	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	1 U	5 U	NS	1 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	1.4	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	5 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	5 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1.4	2	1.2	27	32	25	NS	3.6	3.9	NS	18	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	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	1 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	1 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	2	19	20	46	NS	3.2	1 U	NS	6.9	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



Table 2-7

Summary of Groundwater Analytical Results - May 2009  
 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	NS	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	NS	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	NS	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	NS	1 U
Methylene Chloride	ug/L	NS	1 U	1 U	5 B	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	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	NS	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NS	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	NS	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	NS	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	3.2	1.1	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.25 J	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	0.5 U
Trichloroethene	ug/L	NS	12	640	4	NS	1 U	ABD	ABD	ABD	1 U	0.7	0.5 U	0.5 U	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	10 U
Tetrachloroethene	ug/L	NS	1 U	54	21	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	0.5 U

of the MDE Source Protection and Appropriation Division. Samples from all other wells are analyzed with USEPA Method 8260.

### 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 2008 through June 2009) 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 2008 through June 2009)**  
**Black Decker**  
**Hampstead, Maryland**

<b>Date</b>	<b>Event/Corrective Action</b>
<b>Jul-08</b>	Alarm at air stripper. High column blower failure, reset the system. System back online.
<b>Aug-08</b>	Alarm at air stripper due to high wet well, reset the system. System back online.
<b>Aug-08</b>	Micro-Tech performed routine calibration of the air stripper.
<b>Aug-08</b>	Power is out to the air stripper building. System is left off for two days prior to Primo Electric arriving onsite to run a temporary 70 AMP electric line from the boiler room to the stripper building.
<b>Sep-08</b>	Alarm at stripper. Circuit breaker in the boiler room tripped. The system is drawing too many Amps from the temporary feed. Wells 5 and 8 are turned off for three days so the system was not pulling as many Amps.
<b>Sep-08</b>	Alarm at stripper. Due to a loose neutral wire on the terminal block in well 2. The wire is reconnected and all wells are back online.
<b>Sep-08</b>	Alarm at stripper. Circuit breaker in the boiler room tripped again. The system is drawing too many Amps from the temporary feed. Wells 7 and 8 were turned off so the system is not pulling as many Amps. Weston directed B&D to turn wells 7 and 8 on and turn off wells 6 and 10.
<b>Sep-08</b>	IES Electric ran a temporary 200 AMP electric feed from the old weld shop to the air stripper. The system was running with 2 wells down for approximately 20 days. All wells are now back online.
<b>Sep-08</b>	Alarm at the stripper, well 6 tripped out. Replaced the timing relay in well 6. All wells are back online.

**Table 3-1**  
**Treatment System Maintenance Activities (July 2008 through June 2009)**  
**Black Decker**  
**Hampstead, Maryland**

<b>Date</b>	<b>Event/Corrective Action</b>
<b>Oct-08</b>	Alarm at air stripper. High wet well, reset the system. System back online.
<b>Nov-08</b>	Alarm at air stripper due to high column blower failure, reset the system. System back online.
<b>Nov-08</b>	EW - 9 tripped out due to a faulty heater. The heater was replaced and the well is back online. EW - 9 was down for about 16 hours.
<b>Dec-08</b>	EW - 2 tripped out. Replaced the timer relay, the well is back online.
<b>Dec-08</b>	The alarm at the air stripper due to a blower failure caused by a high column. The stripper was reset all systems are okay.
<b>Dec-08</b>	The new heaters were installed in wells EW - 2, EW - 4 and EW - 9.
<b>Dec-08</b>	Alarm at the stripper due to a low wet well. The system was reset everything is okay.
<b>Dec-08</b>	The air stripper and wells were down for two hours due to electrical work being done on the circuit breaker that feeds the dumping valve. Everything is up and running.
<b>Jan-09</b>	EW - 5 will only run on local setting, replaced 2 relays. Well is back on line.
<b>Jan-09</b>	Broken valve in air stripper, causing the air stripper to be shut down for 5 hours. The valve was replaced, the stripper is back online.
<b>Jan-09</b>	Replaced the heater in EW-10.

**Table 3-1**  
**Treatment System Maintenance Activities (July 2008 through June2009)**  
**Black Decker**  
**Hampstead, maryland**

<b>Date</b>	<b>Event/Corrective Action</b>
<b>Feb-09</b>	Alarm at the stripper due to a high wet well. The system was reset everything is okay.
<b>Feb-09</b>	Repair the auto dialer at the stripper.
<b>Mar-09</b>	EW - 5 went down. Replaced the heaters in the contactor. Also the pump motor was shorted out. A new motor was installed, the well was bleached and is back online.
<b>Mar-09</b>	Alarm at the stripper due to a high column blower failure. The system was reset everything is okay.
<b>Mar-09</b>	EW-6 went down. Replaced a bad relay. The well is now back online.
<b>Apr-09</b>	Alarm at stripper due to high column blower failure. Blower motor #5 is locked up. A new motor is installed in the blower. A new electrical wire was installed since the old wire was shorted.
<b>Apr-09</b>	EW-6 went down, the motor of the pump is shorted out. The pump motor was replaced, the well is back online.
<b>Apr-09</b>	The system is run on the hand setting for 3 days. The Moore controller and the column controls are reconfigured. The system is running on automatic again.
<b>May-09</b>	Installed a new 4 inch valve in the air stripper.
<b>Jun-09</b>	Motor in EW-9 is bad. A new motor is installed in the pump, the well is back online.
<b>Jun-09</b>	Three power outages due to storms causes alarms at the air stripper. The air stripper was reset and is back online

#### 4. TREATMENT SYSTEM PERFORMANCE EVALUATION

During the reporting period of July 2008 to June 2009, 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 2009 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, 2008), 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 2009 shows a large depression in the groundwater surface in the vicinity of the pumping well networks at the site. The groundwater pathlines 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.

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**APPENDIX A  
WITHDRAWAL REPORTS**

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

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

Facility: BTR Capital Group  
Address: 626 Hanover Pike, Hampstead Maryland  
Additional Op's & cert # - Dorrance Jones 0763, Scott Steedman 0764, Gary Dickerson 0782

Permit Number: 02-DP-0022  
Operator: Earle Villarreal

Certification # 1017

Month: April  
Year: 2009

Date	Appearance	Discharge MGD	pH	Cl2 mg/l	Final Effluent outfall 001			BOD <sub>5</sub> mg/l	TSS mg/l	O&G mg/l	Outfall 101					Outfall 201			Comments		
					Tetra chloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethylene ug/l				Flow MGD	Fecal mpn	Basin Inches	Alum Gpd	Hypochlorite Cp4	Free Cl2 mg/l	Tetra chloroethylene ug/l	1,1,1-Trichloroethane ug/l		Trichloroethylene ug/l	Discharge mgd
1	clear	0.0213									0.33300	< 1.8	0.0	10.0	2.0	3.9				0.210691	djones
2	clear	0.0252	6.55	0.00							0.33700		0.0	5.0	2.0	5.0				0.226046	djones
3	clear	0.0200									0.32600		0.0	5.0	2.0	5.0				0.195047	djones
4	clear	0.0209									0.37400		0.0	5.0	2.0	4.7				0.212927	djones
5	clear	0.0196									0.35200		0.0	5.0	2.0	3.0				0.211585	djones
6	clear	0.0197									0.36200		1.0	3.0	2.0	5.0				0.207603	ssteedman
7	clear	0.0192	6.66	0.00							0.31800		0.0	2.0	2.0	5.0				0.181626	ssteedman
8	clear	0.0204			< 1.00	< 1.00	< 1.00	< 2.0	8.0	< 5.0	0.34300	< 1.8	1.0	3.0	2.0	5.0	< 1	< 1	< 1	0.196598	djones
9	clear	0.0219	6.40	0.00							0.37600		1.0	5.0	2.0	4.3				0.200725	djones
10	clear	0.0211									0.35900		1.0	5.0	2.0	5.0				0.172344	djones
11	clear	0.0200									0.34100		0.0	5.0	2.0	5.0				0.180091	gdickerson
12	clear	0.0219									0.33700		0.0	5.0	2.0	5.0				0.176591	gdickerson
13	clear	0.0198									0.28200		1.0	5.0	2.0	5.0				0.165965	djones
14	clear	0.0256	6.63	0.00							0.31400		0.0	10.0	2.0	2.5				0.207521	djones
15	clear	0.0194									0.24400	< 1.8	0.0	10.0	2.0	5.0				0.155474	ssteedman
16	clear	0.0220	6.55	0.00							0.28400		0.0	10.0	2.0	5.0				0.180762	djones
17	clear	0.0265									0.35200		0.0	5.0	2.0	5.0				0.207700	djones
18	clear	0.0240									0.29500		0.0	5.0	2.0	5.0				0.192725	ssteedman
19	clear	0.0192									0.22900		0.0	5.0	2.0	5.0				0.159838	ssteedman
20	clear	0.0256									0.30600		0.0	5.0	2.0	5.0				0.206070	djones
21	clear	0.0237	6.65	0.00							0.30800		0.0	5.0	2.0	5.0				0.170887	djones
22	clear	0.0271									0.34100	< 1.8	0.0	10.0	2.0	5.0				0.205202	djones
23	clear	0.0241	6.40	0.00							0.33200		0.0	10.0	2.0	2.3				0.190782	djones
24	clear	0.0250									0.36200		0.0	10.0	2.0	5.0				0.215706	djones
25	clear	0.0229									0.31600		0.0	10.0	2.0	5.0				0.190383	djones
26	clear	0.0208									0.32300		1.0	5.0	2.0	5.0				0.084792	djones
27	clear	0.0197									0.30900		1.0	5.0	2.0	5.0				0.088412	ssteedman
28	clear	0.0226	6.78	0.00							0.35800	< 1.8	0.0	5.0	2.0	5.0				0.254887	ssteedman
29	clear	0.0195									0.30100		0.0	5.0	2.0	5.0				0.221105	ssteedman
30	clear	0.0141	6.50	0.00							0.36900		0.0	5.0	2.0	5.0				0.235067	djones
31																					
Total		0.6528	59.12	0.00	0	0	0	2	8	0	9.78300	7	7.0	183.0	60.0	140.7	0.00	0.00	0.00	5.70515	
Average		0.0218	6.57	<0.10	0	0	0	2	8	0	0.32610	1	0.2	6.1	2.0	4.7	0.00	0.00	0.00	0.19017	
Minimum		0.0141	6.40	0.00	0	0	0	2	8	0	0.22900	1	0.0	2.0	2.0	2.3	0.00	0.00	0.00	0.08479	
Maximum		0.0271	6.78	<0.10	0	0	0	0	8	0	0.37600	2	1.0	10.0	2.0	5.0	0.00	0.00	0.00	0.25489	MOR 5:07-08:

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

Operated By:  
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259 Najoles Road, Millersville MD

Facility: BTR Capital Group  
Address: 626 Hanover Pike, Hampstead Maryland  
Additional Op's & cert # - Dorrance Jones 0763, Scott Steedman 0764, Gary Dickerson 0782

Permit Number: 02-DP-0022  
Superintendent: Earle Villarreal

Certification # 1017

Month: May  
Year: 2009

Final Effluent outfall 001											Outfall 101					Outfall 201			Operator		
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachlorethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD <sub>5</sub> mg/l	TSS mg/l	O&G mg/l	Flow MGD	Fecal mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachlorethylene ug/l	1,1,1-Trichloroethane ug/l		Trichloroethene ug/l	Discharge mgd
1	clear	0.13100									0.313000		0.0	10.0	2.0	5.0				0.208353	ssteedman
2	clear	0.12900									0.331000		0.0	10.0	2.0	5.0				0.218461	ssteedman
3	clear	0.13200									0.316000		0.0	10.0	2.0	5.0				0.232038	gdickerson
4	clear	0.17900									0.316000		0.0	10.0	2.0	3.0				0.212372	djones
5	clear	0.12200	6.50	0.00							0.316000		0.0	10.0	2.0	5.0				0.204265	djones
6	clear	0.13800			< 1.00	< 1.00	< 1.00	< 2.0	5.0	< 5.0	0.322000	< 1.8	0.0	15.0	2.0	5.0				0.213822	djones
7	clear	0.14600	6.98	0.00							0.325000		0.0	5.0	2.0	5.0				0.241452	djones
8	clear	0.13400									0.354000		0.0	10.0	2.0	5.0				0.217986	djones
9	clear	0.13000									0.367000		0.0	10.0	2.0	5.0				0.207702	ssteedman
10	clear	0.14500									0.278000		0.0	10.0	2.0	5.0				0.223180	ssteedman
11	clear	0.12700									0.152000		0.0	5.0	2.0	5.0				0.208650	djones
12	clear	0.15500	6.55	0.00							0.300000		0.0	5.0	3.0	5.0				0.232738	djones
13	clear	0.11600									0.209000	< 1.8	0.0	5.0	2.0	3.4				0.203645	gdickerson
14	clear	0.14500	6.60	0.00							0.271000		0.0	5.0	2.0	5.0				0.219487	djones
15	clear	0.15500									0.316000		0.0	2.0	2.0	5.0				0.214239	djones
16	clear	0.13800									0.282000		0.0	3.0	2.0	5.0				0.210399	djones
17	clear	0.14000									0.277000		0.0	5.0	2.0	5.0				0.225237	djones
18	clear	0.12900									0.258000		0.0	5.0	2.0	5.0				0.205457	ssteedman
19	clear	0.16200	6.93	0.00							0.300000		0.0	1.0	2.0	5.0				0.231242	ssteedman
20	clear	0.12900									0.247000	< 1.8	0.0	1.0	2.0	5.0				0.209920	ssteedman
21	clear	0.15100	6.75	0.00							0.380000		0.0	1.0	3.0	3.6				0.220748	djones
22	clear	0.12100									0.312000		0.0	1.0	3.0	5.0				0.162550	djones
23	clear	0.16600									0.412000		0.0	1.0	3.0	5.0				0.247532	gdickerson
24	clear	0.13900									0.337000		0.0	1.0	3.0	5.0				0.208653	gdickerson
25	clear	0.14200									0.358000		0.0	1.0	3.0	5.0				0.221783	djones
26	clear	0.16000	6.65	0.00							0.435000		0.0	1.0	2.0	5.0				0.239212	djones
27	clear	0.13600									0.331000	< 1.8	0.0	1.0	2.0	5.0				0.197605	ssteedman
28	clear	0.15700	6.70	0.00							0.390000		0.0	1.0	2.0	5.0				0.197241	djones
29	clear	0.15500									0.407000		0.0	1.0	2.0	5.0				0.181611	djones
30	clear	0.14700									0.380000		0.0	1.0	2.0	5.0				0.192822	ssteedman
31	clear	0.15300									0.374000		0.0	2.0	2.0	5.0				0.206507	ssteedman
Total		4.40900									9.966000									6.616909	
Average		0.14223	6.7	<0.10	0	0	0	0	5	0	0.321484	1	0.0	4.8	2.2	4.8	#DIV/0!	#DIV/0!	#DIV/0!	0.213449	
Minimum		0.11600	6.5	0.00	0	0	0	0	5	0	0.152000	1	0.0	1.0	2.0	3.0	0	0	0	0.162550	
Maximum		0.17900	7.0	<0.10	0	0	0	0	5	0	0.435000	1	0.0	15.0	3.0	5.0	0	0	0	0.247532	NOR 5-11-09

COMMENTS:

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

Operated By:

Facility: BTR Capital Group

Permit Number: 02-DP-0022

Month: June

Maryland Environmental Service

Address: 626 Hanover Pike, Hampstead Maryland

Superintendent: Earle Villarreal

Certification # 1017

Year: 2009

259 Najoles Road, Millersville MD

Additional Op's & cert # - Dorrance Jones 0763, Scott Steedman 0764, Gary Dickerson 0782, Martin Whitt 0666, David Smith 9153

006/008

MES/TECH ENG SERVICES

07/21/2009 09:10 FAX 4107298340

Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Final Effluent outfall 001						Outfall 101						Outfall 201				Operator
					Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD <sub>5</sub> mg/l	TSS mg/l	O&G mg/l	Flow MGD	Fecal mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Pos Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	
1	clear	0.13600									0.363000		0.0	3.0	2.0	5.0				0.174046	djones
2	clear	0.14100	6.76	0.00							0.376000		0.0	2.0	2.0	5.0				0.212608	djones
3	clear	0.16500			< 1.00	< 1.00	< 1.00	< 2.0	8.0	< 5.0	0.407000	< 1.8	0.0	3.0	2.0	5.0				0.191931	djones
4	clear	0.15700	6.75	0.00							0.475000		0.0	5.0	2.0	5.0				0.196133	djones
5	clear	0.17000									0.333000		0.0	5.0	2.0	5.0				0.196323	djones
6	clear	0.12000									0.296000		0.0	1.0	2.0	5.0				0.179102	djones
7	clear	0.17800									0.414000		0.0	1.0	2.0	5.0				0.268849	djones
8	clear	0.13500									0.354000		0.0	1.0	2.0	5.0				0.215695	ssteedman
9	clear	0.17800	7.20	0.00							0.356000		0.0	1.0	2.0	5.0				0.226687	ssteedman
10	clear	0.16200									0.360000	< 1.8	0.0	1.0	2.0	5.0				0.217826	djones
11	clear	0.17500	8.20	0.00							0.378000		0.0	1.0	2.0	5.0				0.220970	djones
12	clear	0.14900									0.324000		0.0	2.0	2.0	5.0				0.204294	ssteedman
13	clear	0.15300									0.338000		0.0	1.0	2.0	5.0				0.223863	gdickerson
14	clear	0.15100									0.332000		0.0	1.0	2.0	5.0				0.243074	gdickerson
15	clear	0.13900									0.303000		0.0	1.0	2.0	5.0				0.213414	djones
16	clear	0.16800									0.389000		0.0	1.0	2.0	5.0				0.238460	djones
17	clear	0.13000									0.241000	< 1.8	0.0	1.0	2.0	5.0				0.198537	djones
18	clear	0.13900	6.72	0.00							0.345000		0.0	2.0	2.0	5.0				0.228227	djones
19	clear	0.15600	8.21	0.00							0.381000		0.0	5.0	2.0	5.0				0.213240	dsmith
20	clear	0.09000									0.326000		0.0	5.0	2.0	5.0				0.218594	ssteedman
21	clear	0.11000									0.339000		0.0	5.0	2.0	5.0				0.236311	ssteedman
22	clear	0.09500									0.236000		0.0	2.0	2.0	5.0				0.204412	djones
23	clear	0.09300	6.50	0.00							0.263000		0.0	3.0	2.0	5.0				0.241111	djones
24	clear	0.19400									0.315000	< 1.8	0.0	3.0	2.0	5.0				0.222656	mwhitt
25	clear	0.20600	7.35	0.00							0.427000		0.0	5.0	2.0	5.0				0.226739	mwhitt
26	clear	0.17600									0.286000		0.0	5.0	1.0	5.0				0.170823	djones
27	clear	0.20600									0.372000		0.0	5.0	2.0	5.0				0.232921	djones
28	clear	0.23100									0.403000		0.0	5.0	2.0	5.0				0.273087	djones
29	clear	0.17600									0.342000		0.0	5.0	2.0	5.0				0.234746	ssteedman
30	clear	0.20400	6.76	0.00							0.339000		0.0	5.0	2.0	5.0				0.220030	ssteedman
31	clear																				
Total		4.68300									10.413000									6.544709	
Average		0.15610	7.2	<0.10	0	0	0	0	8	0	0.347100	1	0.0	2.9	2.0	5.0	#DIV/0!	#DIV/0!	#DIV/0!	0.218157	
Minimum		0.09000	6.5	0.00	0	0	0	0	8	0	0.236000	1	0.0	1.0	1.0	5.0	0	0	0	0.170823	
Maximum		0.23100	8.2	<0.10	0	0	0	0	8	0	0.475000	1	0.0	5.0	2.0	5.0	0	0	0	0.273087	MOR 5-11-09

COMMENTS:

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**APPENDIX B**  
**DISCHARGE MONITORING REPORTS**

---

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**  
 (2-16) (17-19)

State Discharge Permit  
**02-DP-0022**

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

Form Approved. 12345  
 OMB No. 2040-0004.  
 Approval expires 05-31-98

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	09	04	01		09	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53)			(4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0	( 19)	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5	MG/L		ONE/MONTH	GRAB
pH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	6.4	*****	6.8	( 12)	0	TWO/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	8.5	SU		TWO/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	8	8	( 19)	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	20	30	MG/L		ONE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	21760	27100	( 07)	*****	*****	*****		0	MEASURED	RECORD
	PERMIT REQUIREMENT	REPORT	REPORT	GPD	*****	*****	*****	****		MEASURED	RECORD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.1	<0.1	( 19)	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	0.01	0.019	MG/L		ONE/MONTH	GRAB
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0		0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5	ug/l		ONE/MONTH	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0		0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5	ug/l		ONE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE		DATE		
<b>Jim Harkins, Director MES</b>		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<b>410</b>	<b>729-8350</b>	<b>09</b>	<b>05</b>
TYPED OR PRINTED	AREA CODE		NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS/ Reference all attachments here )

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**  
 (2-16) (17-19)

State Discharge Permit  
**02-DP-0022**

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	09	04	01		09	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53)			(4 Card Only) (38-45)				UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
TRICHLOROETHENE		*****	*****		*****	*****	0		0	ONE/MONTH	GRAB	
79141 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	5	ug/l		ONE/MONTH	GRAB	
OIL AND GREASE TOTAL RECOVERABLE		*****	*****	****	*****	0	0	( 19)	0	ONE/MONTH	GRAB	
70030 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	10	15	MG/L		ONE/MONTH	GRAB	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE	DATE			
<b>Jim Harkins, Director MES</b>		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<b>410</b> AREA CODE	<b>729-8350</b> NUMBER	<b>09</b> YEAR	<b>05</b> MO
TYPED OR PRINTED						

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**  
 (2-16) (17-19)

State Discharge Permit  
**02-DP-0022**

**MD0001881**

PERMIT NUMBER

**101**

DISCHARGE NUMBER

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

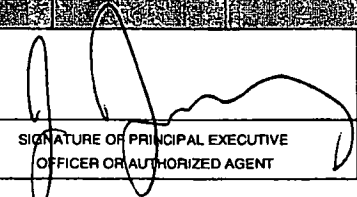
**MONITORING PERIOD**

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
09	04	01	09	04	30
(20-21)		(22-23)	(24-25)	(26-27)	
		(28-29)	(30-31)		

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only (46-53))			QUANTITY OR CONCENTRATION (4 Card Only (38-45))			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	326100	376000	( 07)	*****	*****	*****	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT	REPORT	GPD	*****	*****	*****	****	ONE/MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	2	0	ONE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	MPN	*****	*****	200	ONE/WEEK	GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  <b>Jim Harkins, Director MES</b>	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE		DATE		
			410	729-8350	09	05	27
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS( Reference all attachments here )

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **AG/GFI Hampstead, Inc**  
 ADDRESS **626 Hanover Pike**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

State Discharge Permit  
 02-DP-0022

Form Approved. 12345  
 OMB No. 2040-0004.  
 Approval expires 05-31-98

**MD0001881** PERMIT NUMBER  
**001** DISCHARGE NUMBER

**Hampstead, MD 21074**  
 FACILITY **Black and Decker WWTP**  
 LOCATION **626 Hanover Pike**  
 ATTN:

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	09	05	01		09	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0	( 19)	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	15	MG/L		ONE/MONTH	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	****	6.5	*****	7.0	( 12)	0	TWO/WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	8.5	SU		TWO/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	5	5	( 19)	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	20	30	MG/L		ONE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	142226	179000	( 07)	*****	*****	*****		0	MEASURED	RECORD
	PERMIT REQUIREMENT	REPORT	REPORT	GPD	*****	*****	*****	****		MEASURED	RECORD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.1	<0.1	( 19)	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	0.01	0.019	MG/L		ONE/MONTH	GRAB
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0		0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5	ug/l		ONE/MONTH	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0		0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5	ug/l		ONE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE	DATE			
<b>Jim Harkins, Director MES</b>		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410 729-8350	09	06	24
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **AG/GFI Hampstead, Inc**  
 ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

State Discharge Permit  
 02-DP-0022

Form Approved. 12345  
 OMB No. 2040-0004.  
 Approval expires 05-31-98

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	09	05	01		09	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUANTITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TRICHLOROETHENE	SAMPLE MEASUREMENT	*****	*****		*****	*****	0		0	ONE/MONTH	GRAB
79141 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	5	ug/l		ONE/MONTH	GRAB
OIL AND GREASE TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*****	*****		*****	0	0	( 19)	0	ONE/MONTH	GRAB
70030 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10	15	MG/L		ONE/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Jim Harkins, Director MES**  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**410 729-8350**  
 AREA CODE NUMBER  
 DATE  
**09 06 24**  
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME **AG/GFI Hampstead, Inc**  
 ADDRESS **626 Hanover Pike**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT** (DMR)  
 (2-16) (17-19)

State Discharge Permit  
**02-DP-0022**

Form Approved. 12345  
 OMB No. 2040-0004.  
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**MD0001881**  
 PERMIT NUMBER

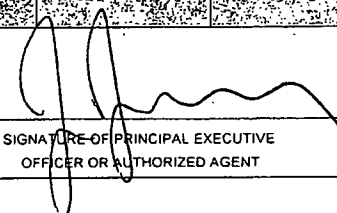
**101**  
 DISCHARGE NUMBER

**Hampstead, MD 21074**  
 FACILITY **Black and Decker WWTP**  
 LOCATION **626 Hanover Pike**  
 ATTN:

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	05	01		09	05	31
(20-21)		(22-25)		(26-27)		(28-29) (30-31)

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)			NO EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (3 Card Only) (46-53)	MAXIMUM	UNITS	MINIMUM (4 Card Only) (38-45)	AVERAGE (46-53)	MAXIMUM			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	321484	435000	( 07)	*****	*****	*****	0	ONE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT *****	REPORT *****	GPD	*****	*****	*****			
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	1	0	ONE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	200			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE			
Jim Harkins, Director MES			410 729-8350	09	06	24	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

State Discharge Permit  
02-DP-0022

MD0001881

PERMIT NUMBER

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OMB No. 2040-0004.

Approval expires 05-31-98

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	09	06	01		09	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM	UNITS	MINIMUM (38-45)	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	0	( 19)	0	ONE/ MONTH	GRAB
pH		*****	*****	****	6.5	*****	8.2	( 12)	0	TWO/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	8	8	( 19)	0	ONE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		156100	231000	( 07) GPD	*****	*****	*****	****	0	MEASURED	RECORD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	<0.1	<0.1	( 19)	0	ONE/ MONTH	GRAB
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	0	ug/l	0	ONE/ MONTH	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	0	ug/l	0	ONE/ MONTH	GRAB

MES/TECH ENG SERVICES

4107298340

FAX

09:08

07/21/2009

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**Jim Harkins, Director MES**

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410 729-8350

AREA CODE

NUMBER

DATE

09 07 20

YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here.)

Facility Name/Location if different  
 NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**  
 (2-16) (17-19)

**MD0001881**

PERMIT NUMBER

**001**

DISCHARGE NUMBER

State Discharge Permit  
**02-DP-0022**

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

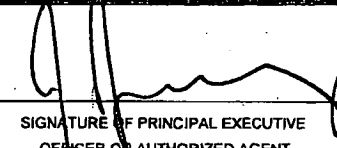
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	06	01		09	06	30
(20-21)		(22-23)		(24-25)		(26-27)
				(28-29)		(30-31)

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TRICHLOROETHENE 79141 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0	ug/l	0	ONE/MONTH	GRAB
OIL AND GREASE TOTAL RECOVERABLE 70030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0	0	( 19) MG/L	0	ONE/MONTH	GRAB
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**Jim Harkins, Director MES**  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
410	729-8350	09	07	20
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

07/21/2009 09:09 FAX 4107298340 MES/TECH ENG SERVICES 003/008

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

State Discharge Permit

02-DP-0022

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

MD0001881

PERMIT NUMBER

101

DISCHARGE NUMBER

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
09	06	01	09	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (46-53)			QUANTITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		347100	475000	( 07) GPD	*****	*****	*****	****	0	ONE/MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	1	( 30) MPN	0	ONE/WEEK	GRAB
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**Jim Harkins, Director MES**

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410  
AREA CODE

729-8350  
NUMBER

DATE

09 07 20  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

004/008

MES/TECH ENG SERVICES

4107298340

07/21/2009

Facility Name/Location if different  
 NAME **AG/GFI Hampstead, Inc**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**  
 (2-16) (17-19)

State Discharge Permit  
**02-DP-0022**

Form Approved. 12345  
 OMB No. 2040-0004.  
 Approval expires 05-31-98

**MD0001881**  
 PERMIT NUMBER

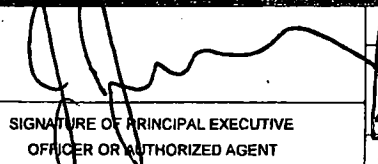
**201**  
 DISCHARGE NUMBER

ADDRESS **626 Hanover Pike**  
**Hampstead, MD 21074**  
 FACILITY **Black and Decker WWTP**  
 LOCATION **626 Hanover Pike**

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
09	04	01	TO	09	06	30	
(20-21)		(22-23)		(24-25)		(26-27) (28-29) (30-31)	

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (34-61)			QUANTITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE		207327	273087	( 07) GPD	*****	*****	*****	0	MEASURED	RECORD
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	0	0	0	ONE/QUARTER	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	0	0	0	ONE/QUARTER	GRAB
TRICHLOROETHENE 79141 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	0	0	0	ONE/QUARTER	GRAB
	SAMPLE MEASUREMENT									
	SAMPLE MEASUREMENT									
	SAMPLE MEASUREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <b>Jim Harkins, Director MES</b>	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE <b>470 729-8350</b>	DATE <b>09 07 20</b>		
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here.)  
**Quarterly Report! Outfall 201 quarterly sample's collected on 04/08/09.**

005/008  
MES/TECH ENG SERVICES  
07/21/2009 09:10 FAX 4107298340

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**APPENDIX C**  
**GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS**

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630 Churchmans Road  
 Newark, Delaware 19702  
 302-266-9121 • 454-8720 (FAX)  
 WWW.ATLANTICCOASTLABS.COM

**REPORT OF ANALYSIS**

Maryland Environmental Services (A)  
 259 Najoles Road  
 Millersville, MD 21108

Order Number: A09040508  
 Project Name: Black & Decker WTP  
 Receive Date: 4/8/2009  
 Client Code: MES\_A  
 Project Location: Black & Decker WTP

Attention: Mr. Jay Janney

**Sample # A09040508-01** **Sample Date: 4/8/2009 9:52**

Site:  
 Client Sample ID: Black & Decker POE  
 Sample Comments: None

Matrix: Drinking Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
1,1,1,2-Tetrachloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1,1-Trichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1,2,2-Tetrachloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1,2-Trichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1-Dichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1-Dichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1-Dichloropropene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,3-Trichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,3-Trichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,4-Trichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,4-Trimethylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dibromo-3-Chloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dibromoethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,3,5-Trimethylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,3-Dichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,3-Dichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,4-Dichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2,2-Dichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Butanone (MEK)	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Chloroethyl vinyl ether	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Chlorotoluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Hexanone	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
3-chloro-1-propene	< 1	ug/L	1	EPA 524.2	4/10/2009 7:44:00 AM	WWells
4-Chlorotoluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells

Approved: *Walter Van Arsdale*  
 Quality Assurance Manager

Reported: 4/10/2009 11:29:38 AM

RDL = Reporting Detection Limit    N/A = Not Applicable  
 Laboratory Certification Numbers: Delaware - DE00011    Maryland - #138    Pennsylvania - 68-335    New Jersey - DE568



Maryland Environmental Services (A)

Order Number: A09040508

Sample # A09040508-01

Sample Date: 4/8/2009 9:52

Site:

Matrix: Drinking Water

Client Sample ID: Black & Decker POE

Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
4-Isopropyltoluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
4-Methyl-2-Pentanone (MIBK)	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Acetone	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Acrylonitrile	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Benzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromochloromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromodichloromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromoform	2.9	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromomethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Carbon Disulfide	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Carbon Tetrachloride	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chloroform	2.6	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chloromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
cis-1,2-Dichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
cis-1,3-Dichloropropene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Dibromochloromethane	1.4	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Dibromomethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Dichlorodifluoromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Ethyl methacrylate	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Ethylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Hexachlorobutadiene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Isopropylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
m,p-Xylene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methyl Iodide (Iodomethane)	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methyl methacrylate	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methylene Chloride	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methyl-t-butylether	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Naphthalene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
n-Butylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
n-Propylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
o-Xylene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
sec-Butylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Styrene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells

Approved:   
Quality Assurance Manager

Reported: 4/10/2009 11:29:38 AM

RDL = Reporting Detection Limit    N/A = Not Applicable  
Laboratory Certification Numbers: Delaware - DE00011    Maryland - #138    Pennsylvania - 68-335    New Jersey - DE568



630 Churchmans Road  
 Newark, Delaware 19702  
 302-266-9121 • 454-8720 (FAX)  
 WWW.ATLANTICCOASTLABS.COM

Maryland Environmental Services (A)

Order Number: A09040508

Sample # A09040508-01

Sample Date: 4/8/2009 9:52

Site:

Matrix: Drinking Water

Client Sample ID: Black & Decker POE

Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
tert-Butylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Tetrachloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Tetrahydrofuran (THF)	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Toluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
tr-1,2-Dichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
tr-1,3-Dichloropropene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
tr-1,4-Dichloro-2-butene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Trichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Trichlorofluoromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Vinyl acetate	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Vinyl chloride	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Xylenes, Total	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells

Sample # A09040508-01A

Sample Date: 4/8/2009 9:52

Site:

Matrix: Drinking Water

Client Sample ID: Black & Decker POEA

Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Anions, DW, Date Completed	4/8/09	Date Completed	N/A	EPA 300.0		
Nitrate as N	3.74	mg/L	0.1	EPA 300.0	4/8/2009 8:56:00 PM	AWestervelt

Approved:   
 Quality Assurance Manager

Reported: 4/10/2009 11:29:38 AM

RDL = Reporting Detection Limit N/A = Not Applicable  
 Laboratory Certification Numbers: Delaware - DE00011 Maryland - #138 Pennsylvania - 68-335 New Jersey - DE568



**ATLANTIC COAST**  
Laboratories, Incorporated

630 Churchmans Road  
Newark, Delaware 19702  
302-266-9121 • 454-8720 (FAX)  
WWW.ATLANTICCOASTLABS.COM

**REPORT OF ANALYSIS**

Maryland Environmental Services (A)  
259 Najoles Road  
Millersville, MD 21108

Order Number: A09050217  
Project Name: Black & Decker WWTP  
Receive Date: 5/6/2009  
Client Code: MES\_A  
Project Location: Black & Decker WWTP

Attention: Mr. Jay Janney

**Sample # A09050217-01**

**Sample Date: 4/29/2009 9:00**

Site: Black & Decker 101

Matrix: Waste Water

Client Sample ID:

Sample Comments: None

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>
Fecal Coliform, MPN	<1.8	MPN/100 mL	N/A	SM 9221 E	4/29/2009 1:58:00 PM	ChesapeakeEnvironmentalLab

Approved:

*[Signature]*  
Quality Assurance Manager

Reported:

5/27/2009 9:28:50 AM

RDL = Reporting Detection Limit

N/A = Not Applicable

Laboratory Certification Numbers:

Delaware - DE00011

Maryland - #138

Pennsylvania - 68-335

New Jersey - DE568



630 Churchmans Road  
 Newark, Delaware 19702  
 302-266-9121 • 454-8720 (FAX)  
 WWW.ATLANTICCOASTLABS.COM

**REPORT OF ANALYSIS**

Maryland Environmental Services (A)  
 259 Najoles Road  
 Millersville, MD 21108

Order Number: A09050290  
 Project Name: Black & Decker WWTP  
 Receive Date: 5/6/2009  
 Client Code: MES\_A  
 Project Location: Black & Decker WWTP

Attention: Mr. Jay Janney

**Sample # A09050290-01**

**Sample Date: 5/6/2009 9:45**

Site: Black & Decker 001  
 Client Sample ID:  
 Sample Comments: None

Matrix: Waste Water

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD-5	< 2	mg/L	2	SM 5210 B	5/7/2009 11:50:00 AM	Skent
Total Suspended Solids	5	mg/L	4	SM 2540D	5/11/2009 1:57:00 PM	JMcGuire

**Sample # A09050290-01A**

**Sample Date: 5/6/2009 9:45**

Site: Black & Decker 001  
 Client Sample ID: A  
 Sample Comments: None

Matrix: Waste Water

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>
Oil and Grease (HEM)	< 5	mg/L	5	EPA 1664	5/8/2009 8:43:00 AM	Hherman

**Sample # A09050290-01B**

**Sample Date: 5/6/2009 9:45**

Site: Black & Decker 001  
 Client Sample ID: B  
 Sample Comments: None

Matrix: Waste Water

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>
1,1,1-Trichloroethane	< 1	ug/L	1	EPA 8260B	5/8/2009 6:45:00 AM	WWells
Tetrachloroethene	< 1	ug/L	1	EPA 8260B	5/8/2009 6:45:00 AM	WWells
Trichloroethene	< 1	ug/L	1	EPA 8260B	5/8/2009 6:45:00 AM	WWells

Approved:   
 Quality Assurance Manager

Reported: 5/21/2009 7:46:34 AM

RDL = Reporting Detection Limit N/A = Not Applicable  
 Laboratory Certification Numbers: Delaware - DE00011 Maryland - #138 Pennsylvania - 68-335 New Jersey - DE568



**ATLANTIC COAST**  
Laboratories, Incorporated

630 Churchmans Road  
Newark, Delaware 19702  
302-266-9121 • 454-8720 (FAX)  
WWW.ATLANTICCOASTLABS.COM

**REPORT OF ANALYSIS**

Maryland Environmental Services (A)  
259 Najoles Road  
Millersville, MD 21108

Order Number: A09050804  
Project Name: Black & Decker WWTP  
Receive Date: 5/14/2009  
Client Code: MES\_A  
Project Location: Black & Decker WWTP

Attention: Mr. Jay Janney

**Sample # A09050804-01** **Sample Date: 5/6/2009 9:30**

Site: Black & Decker 101

Matrix: Waste Water

Client Sample ID:

Sample Comments: None

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>
Fecal Coliform, MPN	<1.8	MPN/100 mL	N/A	SM 9221 E	5/6/2009 2:00:00 PM	ChesapeakeEnvironmentalLab

Approved: *Warren Van Arsdale*  
Quality Assurance Manager

Reported: 5/15/2009 10:28:22 AM

RDL = Reporting Detection Limit    N/A = Not Applicable  
Laboratory Certification Numbers: Delaware - DE00011    Maryland - #138    Pennsylvania - 68-335    New Jersey - DE568



**ATLANTIC COAST**  
Laboratories, Incorporated

630 Churchmans Road  
Newark, Delaware 19702  
302-266-9121 • 454-8720 (FAX)  
WWW.ATLANTICCOASTLABS.COM

**REPORT OF ANALYSIS**

Maryland Environmental Services (A)  
259 Najoles Road  
Millersville, MD 21108

Order Number: A09060271  
Project Name: Black & Decker WWTP  
Receive Date: 6/3/2009  
Client Code: MES\_A  
Project Location: Black & Decker WWTP

Attention: Mr. Jay Janney

**Sample # A09060271-01**

**Sample Date: 6/3/2009 9:30**

Site: Black & Decker 001  
Client Sample ID:  
Sample Comments: None

Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
BOD-5	< 2	mg/L	2	SM 5210 B	6/4/2009 11:30:00 AM	Ythomas
Total Suspended Solids	8	mg/L	4	SM 2540D	6/8/2009 12:25:00 PM	JMcGuire

**Sample # A09060271-01A**

**Sample Date: 6/3/2009 9:30**

Site: Black & Decker 001  
Client Sample ID: A  
Sample Comments: None

Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Oil and Grease (HEM)	< 5	mg/L	5	EPA 1664	6/5/2009 1:12:00 PM	HHerman

**Sample # A09060271-01B**

**Sample Date: 6/3/2009 9:30**

Site: Black & Decker 001  
Client Sample ID: B  
Sample Comments: None

Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
1,1,1-Trichloroethane	< 1	ug/L	1	EPA 8260B	6/6/2009 6:59:00 AM	WWells
Tetrachloroethene	< 1	ug/L	1	EPA 8260B	6/6/2009 6:59:00 AM	WWells
Trichloroethene	< 1	ug/L	1	EPA 8260B	6/6/2009 6:59:00 AM	WWells

Approved:   
Quality Assurance Manager

Reported: 6/16/2009 1:33:21 PM

RDL = Reporting Detection Limit N/A = Not Applicable  
Laboratory Certification Numbers: Delaware - DE00011 Maryland - #138 Pennsylvania - 68-335 New Jersey - DE568



**ATLANTIC COAST**  
Laboratories, Incorporated

630 Churchmans Road  
Newark, Delaware 19702  
302-266-9121 • 454-8720 (FAX)  
WWW.ATLANTICCOASTLABS.COM

**REPORT OF ANALYSIS**

Maryland Environmental Services (A)  
259 Najoles Road  
Millersville, MD 21108

Order Number: A09060796  
Project Name: Black & Decker WWTP  
Receive Date: 6/11/2009  
Client Code: MES\_A  
Project Location: Black & Decker WWTP

Attention: Mr. Jay Janney

**Sample # A09060796-01**

**Sample Date: 6/3/2009 9:15**

Site: Black & Decker 101

Matrix: Waste Water

Client Sample ID:

Sample Comments: None

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>
Fecal Coliform, MPN	<1.8	MPN/100 mL	N/A	SM 9221 E	6/3/2009 3:08:00 PM	ChesapeakeEnvironmentalLab

Approved:

*Warren Van Antwerp*  
Quality Assurance Manager

Reported:

6/15/2009 9:36:17 AM

RDL = Reporting Detection Limit    N/A = Not Applicable

Laboratory Certification Numbers: Delaware - DE00011    Maryland - #138    Pennsylvania - 68-335    New Jersey - DE568

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**APPENDIX D**  
**GROUNDWATER ANALYTICAL DATA PACKAGE (MAY 2009)**

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## ANALYTICAL REPORT

Job Number: 500-19093-1

Job Description: Black and Decker

For:

Weston Solutions, Inc.

1400 Weston Way

PO BOX 2653

West Chester, PA 19380

Attention: Mr. Tom Cornuet



Approved for release.  
Richard C Wright  
Project Manager II  
6/4/2009 1:44 PM

---

Richard C Wright  
Project Manager II  
richard.wright@testamericainc.com  
06/04/2009

cc: Greg Flasinski

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

**TestAmerica Laboratories, Inc.**

TestAmerica Chicago 2417 Bond Street, University Park, IL 60484

Tel (708) 534-5200 Fax (708) 534-5211 [www.testamericainc.com](http://www.testamericainc.com)



**Job Narrative**  
**500-J19093-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method(s) 8260B: The following sample(s) was diluted due to the abundance of target analytes: EW-4 (500-19093-4), RFW-12B (500-19093-23). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-19093-1</b>	<b>EW-2</b>				
cis-1,2-Dichloroethene		3.2	1.0	ug/L	8260B
Trichloroethene		400	10	ug/L	8260B
Tetrachloroethene		69	1.0	ug/L	8260B
<b>500-19093-2</b>	<b>EW-3</b>				
cis-1,2-Dichloroethene		2.9	1.0	ug/L	8260B
Trichloroethene		180	10	ug/L	8260B
Tetrachloroethene		4.9	1.0	ug/L	8260B
<b>500-19093-3FD</b>	<b>EW-3 DUP</b>				
cis-1,2-Dichloroethene		2.7	1.0	ug/L	8260B
Trichloroethene		190	10	ug/L	8260B
Tetrachloroethene		5.1	1.0	ug/L	8260B
<b>500-19093-4</b>	<b>EW-4</b>				
Trichloroethene		980	20	ug/L	8260B
Tetrachloroethene		22	5.0	ug/L	8260B
<b>500-19093-5</b>	<b>EW-5</b>				
Chloromethane		1.8	1.0	ug/L	8260B
Trichloroethene		210	10	ug/L	8260B
Tetrachloroethene		11	1.0	ug/L	8260B
<b>500-19093-6</b>	<b>EW-6</b>				
Chloromethane		1.3	1.0	ug/L	8260B
Trichloroethene		12	1.0	ug/L	8260B
Tetrachloroethene		22	1.0	ug/L	8260B
<b>500-19093-7</b>	<b>EW-7</b>				
cis-1,2-Dichloroethene		6.0	1.0	ug/L	8260B
Trichloroethene		5.2	1.0	ug/L	8260B
Tetrachloroethene		12	1.0	ug/L	8260B

TestAmerica Chicago

## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-19093-8</b>	<b>EW-8</b>				
cis-1,2-Dichloroethene		24	1.0	ug/L	8260B
Trichloroethene		11	1.0	ug/L	8260B
Tetrachloroethene		74	1.0	ug/L	8260B
<b>500-19093-9</b>	<b>EW-9</b>				
Chloromethane		1.1	1.0	ug/L	8260B
Trichloroethene		1.2	1.0	ug/L	8260B
Tetrachloroethene		140	10	ug/L	8260B
<b>500-19093-10</b>	<b>EW-10</b>				
Chloromethane		2.5	1.0	ug/L	8260B
Tetrachloroethene		1.3	1.0	ug/L	8260B
<b>500-19093-11</b>	<b>RFW-1A</b>				
Chloromethane		1.2	1.0	ug/L	8260B
<b>500-19093-13</b>	<b>RFW-2A</b>				
Trichloroethene		1.4	1.0	ug/L	8260B
<b>500-19093-14</b>	<b>RFW-2B</b>				
Trichloroethene		2.0	1.0	ug/L	8260B
<b>500-19093-15</b>	<b>RFW-3B</b>				
cis-1,2-Dichloroethene		4.1	1.0	ug/L	8260B
Trichloroethene		1.2	1.0	ug/L	8260B
Tetrachloroethene		2.0	1.0	ug/L	8260B
<b>500-19093-16</b>	<b>RFW-4A</b>				
Chloroform		1.0	1.0	ug/L	8260B
Trichloroethene		27	1.0	ug/L	8260B
Tetrachloroethene		19	1.0	ug/L	8260B

## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-19093-17FD</b>	<b>RFW-4A DUP</b>				
Chloromethane		1.2	1.0	ug/L	8260B
Chloroform		1.3	1.0	ug/L	8260B
Trichloroethene		32	1.0	ug/L	8260B
Tetrachloroethene		20	1.0	ug/L	8260B
<b>500-19093-18</b>	<b>RFW-4B</b>				
Chloromethane		1.3	1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.9	1.0	ug/L	8260B
Trichloroethene		25	1.0	ug/L	8260B
Tetrachloroethene		46	1.0	ug/L	8260B
<b>500-19093-19</b>	<b>RFW-6</b>				
Trichloroethene		3.6	1.0	ug/L	8260B
Tetrachloroethene		3.2	1.0	ug/L	8260B
<b>500-19093-20</b>	<b>RFW-7</b>				
Trichloroethene		3.9	1.0	ug/L	8260B
<b>500-19093-21</b>	<b>RFW-9</b>				
1,1-Dichloroethene		1.3	1.0	ug/L	8260B
cis-1,2-Dichloroethene		13	1.0	ug/L	8260B
1,1,1-Trichloroethane		1.4	1.0	ug/L	8260B
Trichloroethene		18	1.0	ug/L	8260B
Tetrachloroethene		6.9	1.0	ug/L	8260B
<b>500-19093-22</b>	<b>RFW-11B</b>				
Trichloroethene		12	1.0	ug/L	8260B
<b>500-19093-23</b>	<b>RFW-12B</b>				
cis-1,2-Dichloroethene		3.2	2.0	ug/L	8260B
Trichloroethene		640	10	ug/L	8260B
Tetrachloroethene		54	2.0	ug/L	8260B

TestAmerica Chicago

## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-19093-24</b>	<b>RFW-13</b>				
cis-1,2-Dichloroethene		1.1	1.0	ug/L	8260B
Trichloroethene		4.0	1.0	ug/L	8260B
Tetrachloroethene		21	1.0	ug/L	8260B

# METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Description	Lab Location	Method	Preparation Method
<b>Matrix: Water</b>			
VOC	TAL CHI	SW846 8260B	
Purge and Trap	TAL CHI		SW846 5030B

### Lab References:

TAL CHI = TestAmerica Chicago

### Method References:

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

## SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
500-19093-1	EW-2	Water	05/20/2009 1620	05/23/2009 0925
500-19093-2	EW-3	Water	05/21/2009 1150	05/23/2009 0925
500-19093-3FD	EW-3 DUP	Water	05/21/2009 1150	05/23/2009 0925
500-19093-4	EW-4	Water	05/21/2009 1130	05/23/2009 0925
500-19093-5	EW-5	Water	05/20/2009 1045	05/23/2009 0925
500-19093-6	EW-6	Water	05/20/2009 1530	05/23/2009 0925
500-19093-7	EW-7	Water	05/20/2009 1535	05/23/2009 0925
500-19093-8	EW-8	Water	05/20/2009 1435	05/23/2009 0925
500-19093-9	EW-9	Water	05/20/2009 1445	05/23/2009 0925
500-19093-10	EW-10	Water	05/20/2009 1450	05/23/2009 0925
500-19093-11	RFW-1A	Water	05/20/2009 1010	05/23/2009 0925
500-19093-12	RFW-1B	Water	05/20/2009 1700	05/23/2009 0925
500-19093-13	RFW-2A	Water	05/20/2009 0905	05/23/2009 0925
500-19093-14	RFW-2B	Water	05/20/2009 0935	05/23/2009 0925
500-19093-15	RFW-3B	Water	05/21/2009 0800	05/23/2009 0925
500-19093-16	RFW-4A	Water	05/21/2009 1025	05/23/2009 0925
500-19093-17FD	RFW-4A DUP	Water	05/21/2009 1025	05/23/2009 0925
500-19093-18	RFW-4B	Water	05/21/2009 1055	05/23/2009 0925
500-19093-19	RFW-6	Water	05/21/2009 0800	05/23/2009 0925
500-19093-20	RFW-7	Water	05/20/2009 1353	05/23/2009 0925
500-19093-21	RFW-9	Water	05/21/2009 1310	05/23/2009 0925
500-19093-22	RFW-11B	Water	05/21/2009 1210	05/23/2009 0925
500-19093-23	RFW-12B	Water	05/21/2009 1010	05/23/2009 0925
500-19093-24	RFW-13	Water	05/20/2009 1600	05/23/2009 0925
500-19093-25	RFW-17	Water	05/20/2009 1415	05/23/2009 0925
500-19093-26TB	TRIP BLANK	Water	05/20/2009 0800	05/23/2009 0925





# SAMPLE RESULTS

Mr. Tom Cornuet  
 Weston Solutions, Inc.  
 1400 Weston Way  
 PO BOX 2653  
 West Chester, PA 19380

Job Number: 500-19093-1

Client Sample ID: EW-2  
 Lab Sample ID: 500-19093-1

Date Sampled: 05/20/2009 1620  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0202			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0202			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	3.2	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	69	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0

Mr. Tom Cornuet  
 Weston Solutions, Inc.  
 1400 Weston Way  
 PO BOX 2653  
 West Chester, PA 19380

Job Number: 500-19093-1

Client Sample ID: EW-2  
 Lab Sample ID: 500-19093-1

Date Sampled: 05/20/2009 1620  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0

Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	92	%		72 - 135	
Toluene-d8 (Surr)	106	%		80 - 120	
4-Bromofluorobenzene (Surr)	88	%		77 - 120	
Dibromofluoromethane	97	%		79 - 133	

Method: 8260B Run Type: DL

Date Analyzed: 05/27/2009 0226

Prep Method: 5030B

Date Prepared: 05/27/2009 0226

Trichloroethene	400	ug/L	2.0	10	10
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Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	97	%		72 - 135	
Toluene-d8 (Surr)	95	%		80 - 120	
4-Bromofluorobenzene (Surr)	85	%		77 - 120	
Dibromofluoromethane	98	%		79 - 133	

Mr. Tom Cornuet  
 Weston Solutions, Inc.  
 1400 Weston Way  
 PO BOX 2653  
 West Chester, PA 19380

Job Number: 500-19093-1

Client Sample ID: EW-3  
 Lab Sample ID: 500-19093-2

Date Sampled: 05/21/2009 1150  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0249			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0249			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	2.9	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	4.9	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-3  
 Lab Sample ID: 500-19093-2

Date Sampled: 05/21/2009 1150  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	%	72 - 135
Toluene-d8 (Surr)	94	%	80 - 120
4-Bromofluorobenzene (Surr)	89	%	77 - 120
Dibromofluoromethane	98	%	79 - 133

Method: 8260B Run Type: DL

Date Analyzed: 05/27/2009 0313

Prep Method: 5030B

Date Prepared: 05/27/2009 0313

Trichloroethene	180	ug/L	2.0	10	10
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Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	%	72 - 135
Toluene-d8 (Surr)	103	%	80 - 120
4-Bromofluorobenzene (Surr)	90	%	77 - 120
Dibromofluoromethane	99	%	79 - 133

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Job Number: 500-19093-1

Client Sample ID: EW-3 DUP  
 Lab Sample ID: 500-19093-3

Date Sampled: 05/21/2009 1150  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0337			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0337			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	2.7	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	5.1	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-3 DUP  
 Lab Sample ID: 500-19093-3

Date Sampled: 05/21/2009 1150  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0

Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	93	%		72 - 135	
Toluene-d8 (Surr)	105	%		80 - 120	
4-Bromofluorobenzene (Surr)	90	%		77 - 120	
Dibromofluoromethane	93	%		79 - 133	

Method: 8260B Run Type: DL

Date Analyzed: 05/27/2009 0400

Prep Method: 5030B

Date Prepared: 05/27/2009 0400

Trichloroethene	190	ug/L	2.0	10	10
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Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	104	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	98	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: EW-4  
 Lab Sample ID: 500-19093-4

Date Sampled: 05/21/2009 1130  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0423			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0423			
Benzene	<5.0	ug/L	0.80	5.0	5.0
Dichlorodifluoromethane	<5.0	ug/L	1.4	5.0	5.0
Chloromethane	<5.0	ug/L	1.6	5.0	5.0
Vinyl chloride	<5.0	ug/L	1.2	5.0	5.0
Bromomethane	<5.0	ug/L	2.2	5.0	5.0
Chloroethane	<5.0	ug/L	2.2	5.0	5.0
Trichlorofluoromethane	<5.0	ug/L	1.6	5.0	5.0
1,1-Dichloroethene	<5.0	ug/L	1.1	5.0	5.0
Carbon disulfide	<25	ug/L	2.0	25	5.0
Acetone	<25	ug/L	6.0	25	5.0
Methylene Chloride	<10	ug/L	5.0	10	5.0
trans-1,2-Dichloroethene	<5.0	ug/L	0.85	5.0	5.0
1,1-Dichloroethane	<5.0	ug/L	0.90	5.0	5.0
2,2-Dichloropropane	<5.0	ug/L	1.5	5.0	5.0
cis-1,2-Dichloroethene	<5.0	ug/L	1.0	5.0	5.0
Methyl Ethyl Ketone	<25	ug/L	4.2	25	5.0
Bromochloromethane	<5.0	ug/L	1.6	5.0	5.0
Chloroform	<5.0	ug/L	0.65	5.0	5.0
1,1,1-Trichloroethane	<5.0	ug/L	1.2	5.0	5.0
1,1-Dichloropropene	<5.0	ug/L	0.85	5.0	5.0
Carbon tetrachloride	<5.0	ug/L	1.0	5.0	5.0
1,2-Dichloroethane	<5.0	ug/L	1.1	5.0	5.0
1,2-Dichloropropane	<5.0	ug/L	1.2	5.0	5.0
Dibromomethane	<5.0	ug/L	1.6	5.0	5.0
Bromodichloromethane	<5.0	ug/L	0.90	5.0	5.0
cis-1,3-Dichloropropene	<5.0	ug/L	0.80	5.0	5.0
methyl isobutyl ketone	<25	ug/L	2.9	25	5.0
Toluene	<5.0	ug/L	0.80	5.0	5.0
trans-1,3-Dichloropropene	<5.0	ug/L	0.65	5.0	5.0
1,1,2-Trichloroethane	<5.0	ug/L	1.6	5.0	5.0
Tetrachloroethene	22	ug/L	0.70	5.0	5.0
1,3-Dichloropropane	<5.0	ug/L	0.85	5.0	5.0
2-Hexanone	<25	ug/L	3.8	25	5.0
Dibromochloromethane	<5.0	ug/L	0.95	5.0	5.0
1,2-Dibromoethane	<5.0	ug/L	1.2	5.0	5.0
Chlorobenzene	<5.0	ug/L	0.85	5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	ug/L	0.90	5.0	5.0
Ethylbenzene	<5.0	ug/L	0.85	5.0	5.0
m&p-Xylene	<10	ug/L	1.2	10	5.0



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Job Number: 500-19093-1

Client Sample ID: EW-4  
 Lab Sample ID: 500-19093-4

Date Sampled: 05/21/2009 1130  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<5.0	ug/L	0.60	5.0	5.0
Styrene	<5.0	ug/L	0.75	5.0	5.0
Bromoform	<5.0	ug/L	1.5	5.0	5.0
Isopropylbenzene	<5.0	ug/L	0.70	5.0	5.0
Bromobenzene	<5.0	ug/L	0.75	5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	ug/L	1.2	5.0	5.0
1,2,3-Trichloropropane	<5.0	ug/L	2.0	5.0	5.0
N-Propylbenzene	<5.0	ug/L	0.55	5.0	5.0
2-Chlorotoluene	<5.0	ug/L	0.80	5.0	5.0
1,3,5-Trimethylbenzene	<5.0	ug/L	0.70	5.0	5.0
4-Chlorotoluene	<5.0	ug/L	0.70	5.0	5.0
tert-Butylbenzene	<5.0	ug/L	0.65	5.0	5.0
1,2,4-Trimethylbenzene	<5.0	ug/L	0.60	5.0	5.0
sec-Butylbenzene	<5.0	ug/L	0.70	5.0	5.0
1,3-Dichlorobenzene	<5.0	ug/L	0.95	5.0	5.0
p-Isopropyltoluene	<5.0	ug/L	0.60	5.0	5.0
1,4-Dichlorobenzene	<5.0	ug/L	0.75	5.0	5.0
n-Butylbenzene	<5.0	ug/L	0.65	5.0	5.0
1,2-Dichlorobenzene	<5.0	ug/L	0.75	5.0	5.0
1,2-Dibromo-3-Chloropropane	<10	ug/L	4.2	10	5.0
1,2,4-Trichlorobenzene	<5.0	ug/L	1.0	5.0	5.0
Hexachlorobutadiene	<5.0	ug/L	1.4	5.0	5.0
Naphthalene	<5.0	ug/L	1.6	5.0	5.0
1,2,3-Trichlorobenzene	<5.0	ug/L	1.0	5.0	5.0

Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	98	%		72 - 135	
Toluene-d8 (Surr)	95	%		80 - 120	
4-Bromofluorobenzene (Surr)	91	%		77 - 120	
Dibromofluoromethane	103	%		79 - 133	

Method: 8260B Run Type: DL

Date Analyzed: 05/27/2009 0446

Prep Method: 5030B

Date Prepared: 05/27/2009 0446

Trichloroethene	980	ug/L	4.0	20	20
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Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	87	%		77 - 120	
Dibromofluoromethane	98	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: EW-5  
 Lab Sample ID: 500-19093-5

Date Sampled: 05/20/2009 1045  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0509			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0509			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	1.8	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	11	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-5  
 Lab Sample ID: 500-19093-5

Date Sampled: 05/20/2009 1045  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0

Acceptance Limits

Surrogate				72 - 135	
1,2-Dichloroethane-d4 (Surr)	98	%		80 - 120	
Toluene-d8 (Surr)	99	%		77 - 120	
4-Bromofluorobenzene (Surr)	88	%		79 - 133	
Dibromofluoromethane	99	%			

Method: 8260B Run Type: DL

Date Analyzed: 05/27/2009 0533

Prep Method: 5030B

Date Prepared: 05/27/2009 0533

Trichloroethene	210	ug/L	2.0	10	10
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Acceptance Limits

Surrogate				72 - 135	
1,2-Dichloroethane-d4 (Surr)	98	%		80 - 120	
Toluene-d8 (Surr)	105	%		77 - 120	
4-Bromofluorobenzene (Surr)	86	%		79 - 133	
Dibromofluoromethane	100	%			

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Job Number: 500-19093-1

Client Sample ID: EW-6  
 Lab Sample ID: 500-19093-6

Date Sampled: 05/20/2009 1530  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0557			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0557			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	1.3	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	12	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	22	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-6  
 Lab Sample ID: 500-19093-6

Date Sampled: 05/20/2009 1530  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98	%		72 - 135	
Toluene-d8 (Surr)	102	%		80 - 120	
4-Bromofluorobenzene (Surr)	91	%		77 - 120	
Dibromofluoromethane	96	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: EW-7  
 Lab Sample ID: 500-19093-7

Date Sampled: 05/20/2009 1535  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0620			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0620			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	6.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	5.2	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	12	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-7  
 Lab Sample ID: 500-19093-7

Date Sampled: 05/20/2009 1535  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97	%		72 - 135	
Toluene-d8 (Surr)	102	%		80 - 120	
4-Bromofluorobenzene (Surr)	89	%		77 - 120	
Dibromofluoromethane	97	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: EW-8  
 Lab Sample ID: 500-19093-8

Date Sampled: 05/20/2009 1435  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0644			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0644			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	24	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	11	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	74	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0



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Job Number: 500-19093-1

Client Sample ID: EW-8  
 Lab Sample ID: 500-19093-8

Date Sampled: 05/20/2009 1435  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	85	%		77 - 120	
Dibromofluoromethane	98	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: EW-9  
 Lab Sample ID: 500-19093-9

Date Sampled: 05/20/2009 1445  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0730			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0730			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	1.1	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	1.2	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-9  
 Lab Sample ID: 500-19093-9

Date Sampled: 05/20/2009 1445  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94	%		72 - 135	
Toluene-d8 (Surr)	103	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	100	%		79 - 133	
Method: 8260B Run Type: DL				Date Analyzed: 05/27/2009 0754	
Prep Method: 5030B				Date Prepared: 05/27/2009 0754	
Tetrachloroethene	140	ug/L	1.4	10	10
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	100	%		80 - 120	
4-Bromofluorobenzene (Surr)	85	%		77 - 120	
Dibromofluoromethane	101	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: EW-10  
 Lab Sample ID: 500-19093-10

Date Sampled: 05/20/2009 1450  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0816			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0816			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	2.5	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	<1.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	1.3	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: EW-10  
 Lab Sample ID: 500-19093-10

Date Sampled: 05/20/2009 1450  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98	%		72 - 135	
Toluene-d8 (Surr)	103	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	100	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-1A  
 Lab Sample ID: 500-19093-11

Date Sampled: 05/20/2009 1010  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0840			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0840			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	1.2	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	<1.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-1A  
 Lab Sample ID: 500-19093-11

Date Sampled: 05/20/2009 1010  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99	%		72 - 135	
Toluene-d8 (Surr)	95	%		80 - 120	
4-Bromofluorobenzene (Surr)	90	%		77 - 120	
Dibromofluoromethane	96	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-1B  
 Lab Sample ID: 500-19093-12

Date Sampled: 05/20/2009 1700  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0904			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0904			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	<1.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0



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Job Number: 500-19093-1

Client Sample ID: RFW-1B  
 Lab Sample ID: 500-19093-12

Date Sampled: 05/20/2009 1700  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100	%		72 - 135	
Toluene-d8 (Surr)	95	%		80 - 120	
4-Bromofluorobenzene (Surr)	91	%		77 - 120	
Dibromofluoromethane	103	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-2A  
 Lab Sample ID: 500-19093-13

Date Sampled: 05/20/2009 0905  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0927			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0927			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	1.4	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-2A  
 Lab Sample ID: 500-19093-13

Date Sampled: 05/20/2009 0905  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99	%		72 - 135	
Toluene-d8 (Surr)	104	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	97	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-2B  
 Lab Sample ID: 500-19093-14

Date Sampled: 05/20/2009 0935  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 0951			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 0951			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	2.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-2B  
 Lab Sample ID: 500-19093-14

Date Sampled: 05/20/2009 0935  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99	%		72 - 135	
Toluene-d8 (Surr)	94	%		80 - 120	
4-Bromofluorobenzene (Surr)	88	%		77 - 120	
Dibromofluoromethane	100	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-3B  
 Lab Sample ID: 500-19093-15

Date Sampled: 05/21/2009 0800  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 1014			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 1014			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	4.1	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	1.2	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	2.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-3B  
 Lab Sample ID: 500-19093-15

Date Sampled: 05/21/2009 0800  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98	%		72 - 135	
Toluene-d8 (Surr)	98	%		80 - 120	
4-Bromofluorobenzene (Surr)	87	%		77 - 120	
Dibromofluoromethane	99	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-4A  
 Lab Sample ID: 500-19093-16

Date Sampled: 05/21/2009 1025  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/27/2009 1037			
<b>Prep Method: 5030B</b>		Date Prepared: 05/27/2009 1037			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	27	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	19	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0



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Job Number: 500-19093-1

Client Sample ID: RFW-4A  
 Lab Sample ID: 500-19093-16

Date Sampled: 05/21/2009 1025  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	103	%		80 - 120	
4-Bromofluorobenzene (Surr)	88	%		77 - 120	
Dibromofluoromethane	99	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-4A DUP  
 Lab Sample ID: 500-19093-17

Date Sampled: 05/21/2009 1025  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2041			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2041			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	1.2	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	1.3	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	32	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	20	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-4A DUP  
 Lab Sample ID: 500-19093-17

Date Sampled: 05/21/2009 1025  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102	%		72 - 135	
Toluene-d8 (Surr)	102	%		80 - 120	
4-Bromofluorobenzene (Surr)	87	%		77 - 120	
Dibromofluoromethane	106	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-4B  
 Lab Sample ID: 500-19093-18

Date Sampled: 05/21/2009 1055  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2105			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2105			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	1.3	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	3.9	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	25	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	46	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-4B  
 Lab Sample ID: 500-19093-18

Date Sampled: 05/21/2009 1055  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97	%		72 - 135	
Toluene-d8 (Surr)	95	%		80 - 120	
4-Bromofluorobenzene (Surr)	84	%		77 - 120	
Dibromofluoromethane	96	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-6  
 Lab Sample ID: 500-19093-19

Date Sampled: 05/21/2009 0800  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2128			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2128			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	3.6	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	3.2	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-6  
 Lab Sample ID: 500-19093-19

Date Sampled: 05/21/2009 0800  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96	%		72 - 135	
Toluene-d8 (Surr)	98	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	101	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-7  
 Lab Sample ID: 500-19093-20

Date Sampled: 05/20/2009 1353  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2151			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2151			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	3.9	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0



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Job Number: 500-19093-1

Client Sample ID: RFW-7  
 Lab Sample ID: 500-19093-20

Date Sampled: 05/20/2009 1353  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97	%		72 - 135	
Toluene-d8 (Surr)	96	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	102	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-9  
 Lab Sample ID: 500-19093-21

Date Sampled: 05/21/2009 1310  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2215			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2215			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	1.3	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	13	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	1.4	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	18	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	6.9	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-9  
 Lab Sample ID: 500-19093-21

Date Sampled: 05/21/2009 1310  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	98	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-11B  
 Lab Sample ID: 500-19093-22

Date Sampled: 05/21/2009 1210  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2238			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2238			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	12	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-11B  
 Lab Sample ID: 500-19093-22

Date Sampled: 05/21/2009 1210  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	99	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-12B  
 Lab Sample ID: 500-19093-23

Date Sampled: 05/21/2009 1010  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2302			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2302			
Benzene	<2.0	ug/L	0.32	2.0	2.0
Dichlorodifluoromethane	<2.0	ug/L	0.58	2.0	2.0
Chloromethane	<2.0	ug/L	0.66	2.0	2.0
Vinyl chloride	<2.0	ug/L	0.46	2.0	2.0
Bromomethane	<2.0	ug/L	0.88	2.0	2.0
Chloroethane	<2.0	ug/L	0.90	2.0	2.0
Trichlorofluoromethane	<2.0	ug/L	0.64	2.0	2.0
1,1-Dichloroethene	<2.0	ug/L	0.44	2.0	2.0
Carbon disulfide	<10	ug/L	0.78	10	2.0
Acetone	<10	ug/L	2.4	10	2.0
Methylene Chloride	<4.0	ug/L	2.0	4.0	2.0
trans-1,2-Dichloroethene	<2.0	ug/L	0.34	2.0	2.0
1,1-Dichloroethane	<2.0	ug/L	0.36	2.0	2.0
2,2-Dichloropropane	<2.0	ug/L	0.60	2.0	2.0
cis-1,2-Dichloroethene	3.2	ug/L	0.42	2.0	2.0
Methyl Ethyl Ketone	<10	ug/L	1.7	10	2.0
Bromochloromethane	<2.0	ug/L	0.66	2.0	2.0
Chloroform	<2.0	ug/L	0.26	2.0	2.0
1,1,1-Trichloroethane	<2.0	ug/L	0.46	2.0	2.0
1,1-Dichloropropene	<2.0	ug/L	0.34	2.0	2.0
Carbon tetrachloride	<2.0	ug/L	0.42	2.0	2.0
1,2-Dichloroethane	<2.0	ug/L	0.44	2.0	2.0
1,2-Dichloropropane	<2.0	ug/L	0.46	2.0	2.0
Dibromomethane	<2.0	ug/L	0.62	2.0	2.0
Bromodichloromethane	<2.0	ug/L	0.36	2.0	2.0
cis-1,3-Dichloropropene	<2.0	ug/L	0.32	2.0	2.0
methyl isobutyl ketone	<10	ug/L	1.2	10	2.0
Toluene	<2.0	ug/L	0.32	2.0	2.0
trans-1,3-Dichloropropene	<2.0	ug/L	0.26	2.0	2.0
1,1,2-Trichloroethane	<2.0	ug/L	0.64	2.0	2.0
Tetrachloroethene	54	ug/L	0.28	2.0	2.0
1,3-Dichloropropane	<2.0	ug/L	0.34	2.0	2.0
2-Hexanone	<10	ug/L	1.5	10	2.0
Dibromochloromethane	<2.0	ug/L	0.38	2.0	2.0
1,2-Dibromoethane	<2.0	ug/L	0.48	2.0	2.0
Chlorobenzene	<2.0	ug/L	0.34	2.0	2.0
1,1,1,2-Tetrachloroethane	<2.0	ug/L	0.36	2.0	2.0
Ethylbenzene	<2.0	ug/L	0.34	2.0	2.0
m&p-Xylene	<4.0	ug/L	0.46	4.0	2.0

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Job Number: 500-19093-1

Client Sample ID: RFW-12B  
 Lab Sample ID: 500-19093-23

Date Sampled: 05/21/2009 1010  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
o-Xylene	<2.0	ug/L	0.24	2.0	2.0
Styrene	<2.0	ug/L	0.30	2.0	2.0
Bromoform	<2.0	ug/L	0.60	2.0	2.0
Isopropylbenzene	<2.0	ug/L	0.28	2.0	2.0
Bromobenzene	<2.0	ug/L	0.30	2.0	2.0
1,1,2,2-Tetrachloroethane	<2.0	ug/L	0.50	2.0	2.0
1,2,3-Trichloropropane	<2.0	ug/L	0.78	2.0	2.0
N-Propylbenzene	<2.0	ug/L	0.22	2.0	2.0
2-Chlorotoluene	<2.0	ug/L	0.32	2.0	2.0
1,3,5-Trimethylbenzene	<2.0	ug/L	0.28	2.0	2.0
4-Chlorotoluene	<2.0	ug/L	0.28	2.0	2.0
tert-Butylbenzene	<2.0	ug/L	0.26	2.0	2.0
1,2,4-Trimethylbenzene	<2.0	ug/L	0.24	2.0	2.0
sec-Butylbenzene	<2.0	ug/L	0.28	2.0	2.0
1,3-Dichlorobenzene	<2.0	ug/L	0.38	2.0	2.0
p-Isopropyltoluene	<2.0	ug/L	0.24	2.0	2.0
1,4-Dichlorobenzene	<2.0	ug/L	0.30	2.0	2.0
n-Butylbenzene	<2.0	ug/L	0.26	2.0	2.0
1,2-Dichlorobenzene	<2.0	ug/L	0.30	2.0	2.0
1,2-Dibromo-3-Chloropropane	<4.0	ug/L	1.7	4.0	2.0
1,2,4-Trichlorobenzene	<2.0	ug/L	0.40	2.0	2.0
Hexachlorobutadiene	<2.0	ug/L	0.54	2.0	2.0
Naphthalene	<2.0	ug/L	0.64	2.0	2.0
1,2,3-Trichlorobenzene	<2.0	ug/L	0.40	2.0	2.0

Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	96	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	83	%		77 - 120	
Dibromofluoromethane	104	%		79 - 133	

Method: 8260B Run Type: DL

Date Analyzed: 05/28/2009 2325

Prep Method: 5030B

Date Prepared: 05/28/2009 2325

Trichloroethene	640	ug/L	2.0	10	10
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Acceptance Limits

Surrogate					
1,2-Dichloroethane-d4 (Surr)	99	%		72 - 135	
Toluene-d8 (Surr)	100	%		80 - 120	
4-Bromofluorobenzene (Surr)	85	%		77 - 120	
Dibromofluoromethane	101	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-13  
 Lab Sample ID: 500-19093-24

Date Sampled: 05/20/2009 1600  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/28/2009 2348			
<b>Prep Method: 5030B</b>		Date Prepared: 05/28/2009 2348			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	1.1	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	4.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	21	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0



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Job Number: 500-19093-1

Client Sample ID: RFW-13  
 Lab Sample ID: 500-19093-24

Date Sampled: 05/20/2009 1600  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	83	%		77 - 120	
Dibromofluoromethane	97	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: RFW-17  
 Lab Sample ID: 500-19093-25

Date Sampled: 05/20/2009 1415  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/29/2009 0012			
<b>Prep Method: 5030B</b>		Date Prepared: 05/29/2009 0012			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	<1.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

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Job Number: 500-19093-1

Client Sample ID: RFW-17  
 Lab Sample ID: 500-19093-25

Date Sampled: 05/20/2009 1415  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	86	%		77 - 120	
Dibromofluoromethane	96	%		79 - 133	

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Job Number: 500-19093-1

Client Sample ID: TRIP BLANK  
 Lab Sample ID: 500-19093-26

Date Sampled: 05/20/2009 0800  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed: 05/29/2009 0035			
<b>Prep Method: 5030B</b>		Date Prepared: 05/29/2009 0035			
Benzene	<1.0	ug/L	0.16	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.29	1.0	1.0
Chloromethane	<1.0	ug/L	0.33	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.23	1.0	1.0
Bromomethane	<1.0	ug/L	0.44	1.0	1.0
Chloroethane	<1.0	ug/L	0.45	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.32	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.22	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.39	5.0	1.0
Acetone	<5.0	ug/L	1.2	5.0	1.0
Methylene Chloride	<2.0	ug/L	0.99	2.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.18	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.30	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.21	1.0	1.0
Methyl Ethyl Ketone	<5.0	ug/L	0.83	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.33	1.0	1.0
Chloroform	<1.0	ug/L	0.13	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.23	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.17	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.21	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.22	1.0	1.0
Trichloroethene	<1.0	ug/L	0.20	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.23	1.0	1.0
Dibromomethane	<1.0	ug/L	0.31	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.18	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
methyl isobutyl ketone	<5.0	ug/L	0.58	5.0	1.0
Toluene	<1.0	ug/L	0.16	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.13	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.32	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
2-Hexanone	<5.0	ug/L	0.77	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.19	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.24	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.17	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.18	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.17	1.0	1.0

Mr. Tom Cornuet  
 Weston Solutions, Inc.  
 1400 Weston Way  
 PO BOX 2653  
 West Chester, PA 19380

Job Number: 500-19093-1

Client Sample ID: TRIP BLANK  
 Lab Sample ID: 500-19093-26

Date Sampled: 05/20/2009 0800  
 Date Received: 05/23/2009 0925  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
m&p-Xylene	<2.0	ug/L	0.23	2.0	1.0
o-Xylene	<1.0	ug/L	0.12	1.0	1.0
Styrene	<1.0	ug/L	0.15	1.0	1.0
Bromoform	<1.0	ug/L	0.30	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.14	1.0	1.0
Bromobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.39	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.11	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.14	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.14	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.12	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.14	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.19	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.12	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.85	2.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.27	1.0	1.0
Naphthalene	<1.0	ug/L	0.32	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.20	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95	%		72 - 135	
Toluene-d8 (Surr)	99	%		80 - 120	
4-Bromofluorobenzene (Surr)	85	%		77 - 120	
Dibromofluoromethane	98	%		79 - 133	

## DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Lab Section	Qualifier	Description
GC/MS VOA	*	RPD of the LCS and LCSD exceeds the control limits



# QUALITY CONTROL RESULTS

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:500-64658</b>					
LCS 500-64658/4	Lab Control Sample	T	Water	8260B	
LCSD 500-64658/28	Lab Control Sample Duplicate	T	Water	8260B	
MB 500-64658/3	Method Blank	T	Water	8260B	
500-19093-1	EW-2	T	Water	8260B	
500-19093-1DL	EW-2	T	Water	8260B	
500-19093-2	EW-3	T	Water	8260B	
500-19093-2DL	EW-3	T	Water	8260B	
500-19093-3FD	EW-3 DUP	T	Water	8260B	
500-19093-3FDDL	EW-3 DUP	T	Water	8260B	
500-19093-4	EW-4	T	Water	8260B	
500-19093-4DL	EW-4	T	Water	8260B	
500-19093-5	EW-5	T	Water	8260B	
500-19093-5DL	EW-5	T	Water	8260B	
500-19093-6	EW-6	T	Water	8260B	
500-19093-7	EW-7	T	Water	8260B	
500-19093-8	EW-8	T	Water	8260B	
500-19093-9	EW-9	T	Water	8260B	
500-19093-9DL	EW-9	T	Water	8260B	
500-19093-10	EW-10	T	Water	8260B	
500-19093-11	RFW-1A	T	Water	8260B	
500-19093-12	RFW-1B	T	Water	8260B	
500-19093-13	RFW-2A	T	Water	8260B	
500-19093-14	RFW-2B	T	Water	8260B	
500-19093-15	RFW-3B	T	Water	8260B	
500-19093-16	RFW-4A	T	Water	8260B	
<b>Analysis Batch:500-64851</b>					
LCS 500-64851/4	Lab Control Sample	T	Water	8260B	
LCSD 500-64851/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 500-64851/3	Method Blank	T	Water	8260B	
500-19093-17FD	RFW-4A DUP	T	Water	8260B	
500-19093-18	RFW-4B	T	Water	8260B	
500-19093-19	RFW-6	T	Water	8260B	
500-19093-20	RFW-7	T	Water	8260B	
500-19093-21	RFW-9	T	Water	8260B	
500-19093-22	RFW-11B	T	Water	8260B	
500-19093-23	RFW-12B	T	Water	8260B	
500-19093-23DL	RFW-12B	T	Water	8260B	
500-19093-24	RFW-13	T	Water	8260B	
500-19093-25	RFW-17	T	Water	8260B	
500-19093-26TB	TRIP BLANK	T	Water	8260B	

**Report Basis**

T = Total

TestAmerica Chicago



Client: Weston Solutions, Inc.

**Surrogate Recovery Report**

**8260B VOC**

**Client Matrix: Water**

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
500-19093-1	EW-2	92	106	88	97
500-19093-1 DL	EW-2 DL	97	95	85	98
500-19093-2	EW-3	92	94	89	98
500-19093-2 DL	EW-3 DL	96	103	90	99
500-19093-3	EW-3 DUP	93	105	90	93
500-19093-3 DL	EW-3 DUP DL	95	104	86	98
500-19093-4	EW-4	98	95	91	103
500-19093-4 DL	EW-4 DL	95	99	87	98
500-19093-5	EW-5	98	99	88	99
500-19093-5 DL	EW-5 DL	98	105	86	100
500-19093-6	EW-6	98	102	91	96
500-19093-7	EW-7	97	102	89	97
500-19093-8	EW-8	99	99	85	98
500-19093-9	EW-9	94	103	86	100
500-19093-9 DL	EW-9 DL	95	100	85	101
500-19093-10	EW-10	98	103	86	100
500-19093-11	RFW-1A	99	95	90	96
500-19093-12	RFW-1B	100	95	91	103
500-19093-13	RFW-2A	99	104	86	97
500-19093-14	RFW-2B	99	94	88	100
500-19093-15	RFW-3B	98	98	87	99
500-19093-16	RFW-4A	95	103	88	99
500-19093-17	RFW-4A DUP	102	102	87	106
500-19093-18	RFW-4B	97	95	84	96
500-19093-19	RFW-6	96	98	86	101
500-19093-20	RFW-7	97	96	86	102
500-19093-21	RFW-9	102	99	86	98
500-19093-22	RFW-11B	95	99	86	99
500-19093-23	RFW-12B	96	99	83	104

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	72-135
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	77-120
DBFM = Dibromofluoromethane	79-133

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Surrogate Recovery Report**

**8260B VOC**

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
500-19093-23 DL	RFW-12B DL	99	100	85	101
500-19093-24	RFW-13	95	99	83	97
500-19093-25	RFW-17	97	99	86	96
500-19093-26	TRIP BLANK	95	99	85	98
MB 500-64658/3		88	106	88	99
MB 500-64851/3		95	97	87	100
LCS 500-64658/4		98	96	97	99
LCS 500-64851/4		94	96	95	96
LCSD 500-64658/28		95	100	92	102
LCSD 500-64851/5		101	96	97	102

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	72-135
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	77-120
DBFM = Dibromofluoromethane	79-133

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Method Blank - Batch: 500-64658**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-64658/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 0116  
Date Prepared: 05/27/2009 0116

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2M0526B.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Benzene	<1.0		0.16	1.0
Dichlorodifluoromethane	<1.0		0.29	1.0
Chloromethane	<1.0		0.33	1.0
Vinyl chloride	<1.0		0.23	1.0
Bromomethane	<1.0		0.44	1.0
Chloroethane	<1.0		0.45	1.0
Trichlorofluoromethane	<1.0		0.32	1.0
1,1-Dichloroethene	<1.0		0.22	1.0
Carbon disulfide	<5.0		0.39	5.0
Acetone	<5.0		1.2	5.0
Methylene Chloride	<2.0		0.99	2.0
trans-1,2-Dichloroethene	<1.0		0.17	1.0
1,1-Dichloroethane	<1.0		0.18	1.0
2,2-Dichloropropane	<1.0		0.30	1.0
cis-1,2-Dichloroethene	<1.0		0.21	1.0
Methyl Ethyl Ketone	<5.0		0.83	5.0
Bromochloromethane	<1.0		0.33	1.0
Chloroform	<1.0		0.13	1.0
1,1,1-Trichloroethane	<1.0		0.23	1.0
1,1-Dichloropropene	<1.0		0.17	1.0
Carbon tetrachloride	<1.0		0.21	1.0
1,2-Dichloroethane	<1.0		0.22	1.0
Trichloroethene	<1.0		0.20	1.0
1,2-Dichloropropane	<1.0		0.23	1.0
Dibromomethane	<1.0		0.31	1.0
Bromodichloromethane	<1.0		0.18	1.0
cis-1,3-Dichloropropene	<1.0		0.16	1.0
methyl isobutyl ketone	<5.0		0.58	5.0
Toluene	<1.0		0.16	1.0
trans-1,3-Dichloropropene	<1.0		0.13	1.0
1,1,2-Trichloroethane	<1.0		0.32	1.0
Tetrachloroethene	<1.0		0.14	1.0
1,3-Dichloropropane	<1.0		0.17	1.0
2-Hexanone	<5.0		0.77	5.0
Dibromochloromethane	<1.0		0.19	1.0
1,2-Dibromoethane	<1.0		0.24	1.0
Chlorobenzene	<1.0		0.17	1.0
1,1,1,2-Tetrachloroethane	<1.0		0.18	1.0
Ethylbenzene	<1.0		0.17	1.0
m&p-Xylene	<2.0		0.23	2.0
o-Xylene	<1.0		0.12	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Method Blank - Batch: 500-64658**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-64658/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 0116  
Date Prepared: 05/27/2009 0116

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2M0526B.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Styrene	<1.0		0.15	1.0
Bromoform	<1.0		0.30	1.0
Isopropylbenzene	<1.0		0.14	1.0
Bromobenzene	<1.0		0.15	1.0
1,1,2,2-Tetrachloroethane	<1.0		0.25	1.0
1,2,3-Trichloropropane	<1.0		0.39	1.0
N-Propylbenzene	<1.0		0.11	1.0
2-Chlorotoluene	<1.0		0.16	1.0
1,3,5-Trimethylbenzene	<1.0		0.14	1.0
4-Chlorotoluene	<1.0		0.14	1.0
tert-Butylbenzene	<1.0		0.13	1.0
1,2,4-Trimethylbenzene	<1.0		0.12	1.0
sec-Butylbenzene	<1.0		0.14	1.0
1,3-Dichlorobenzene	<1.0		0.19	1.0
p-Isopropyltoluene	<1.0		0.12	1.0
1,4-Dichlorobenzene	<1.0		0.15	1.0
n-Butylbenzene	<1.0		0.13	1.0
1,2-Dichlorobenzene	<1.0		0.15	1.0
1,2-Dibromo-3-Chloropropane	<2.0		0.85	2.0
1,2,4-Trichlorobenzene	<1.0		0.20	1.0
Hexachlorobutadiene	<1.0		0.27	1.0
Naphthalene	<1.0		0.32	1.0
1,2,3-Trichlorobenzene	<1.0		0.20	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	88	72 - 135		
Toluene-d8 (Surr)	106	80 - 120		
4-Bromofluorobenzene (Surr)	88	77 - 120		
Dibromofluoromethane	99	79 - 133		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 500-64658**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 500-64658/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 0139  
Date Prepared: 05/27/2009 0139

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2S0526A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-64658/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 1101  
Date Prepared: 05/27/2009 1101

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973I  
Lab File ID: 2T0526A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	86	79	70 - 120	8	20		
Dichlorodifluoromethane	79	74	58 - 186	7	20		
Chloromethane	89	84	56 - 133	6	20		
Vinyl chloride	106	104	75 - 158	2	20		
Bromomethane	102	97	56 - 154	6	20		
Chloroethane	88	81	60 - 144	8	20		
Trichlorofluoromethane	106	104	58 - 146	3	20		
1,1-Dichloroethene	63	63	55 - 129	1	20		
Carbon disulfide	51	47	31 - 146	7	20		
Acetone	86	78	29 - 152	10	20		
Methylene Chloride	85	83	63 - 128	3	20		
trans-1,2-Dichloroethene	80	75	66 - 120	6	20		
1,1-Dichloroethane	80	78	65 - 120	3	20		
2,2-Dichloropropane	67	66	59 - 121	3	20		
cis-1,2-Dichloroethene	87	84	72 - 123	3	20		
Methyl Ethyl Ketone	104	83	47 - 138	22	20		
Bromochloromethane	99	98	63 - 122	1	20		
Chloroform	90	86	70 - 120	4	20		
1,1,1-Trichloroethane	83	77	64 - 122	8	20		
1,1-Dichloropropene	85	80	70 - 120	6	20		
Carbon tetrachloride	82	77	62 - 122	7	20		
1,2-Dichloroethane	98	91	62 - 120	7	20		
Trichloroethene	100	92	71 - 120	8	20		
1,2-Dichloropropane	93	92	75 - 120	0	20		
Dibromomethane	91	86	72 - 120	5	20		
Bromodichloromethane	93	89	74 - 120	4	20		
cis-1,3-Dichloropropene	83	81	65 - 120	2	20		
methyl isobutyl ketone	95	85	59 - 120	10	20		
Toluene	87	94	72 - 120	7	20		
trans-1,3-Dichloropropene	83	81	59 - 120	2	20		
1,1,2-Trichloroethane	103	104	68 - 126	1	20		
Tetrachloroethene	93	90	70 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 500-64658**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 500-64658/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 0139  
Date Prepared: 05/27/2009 0139

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2S0526A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-64658/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 1101  
Date Prepared: 05/27/2009 1101

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973I  
Lab File ID: 2T0526A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,3-Dichloropropane	94	96	77 - 120	1	20		
2-Hexanone	98	85	56 - 120	15	20		
Dibromochloromethane	94	87	64 - 120	7	20		
1,2-Dibromoethane	94	96	72 - 120	3	20		
Chlorobenzene	94	91	75 - 120	3	20		
1,1,1,2-Tetrachloroethane	98	92	70 - 121	7	20		
Ethylbenzene	94	91	76 - 120	3	20		
m&p-Xylene	92	88	74 - 120	4	20		
o-Xylene	93	87	74 - 120	7	20		
Styrene	95	89	76 - 120	7	20		
Bromoform	96	88	58 - 120	9	20		
Isopropylbenzene	80	79	64 - 120	2	20		
Bromobenzene	96	94	68 - 120	2	20		
1,1,2,2-Tetrachloroethane	91	87	69 - 120	5	20		
1,2,3-Trichloropropane	95	95	65 - 120	1	20		
N-Propylbenzene	88	85	66 - 120	4	20		
2-Chlorotoluene	91	86	68 - 120	5	20		
1,3,5-Trimethylbenzene	89	86	68 - 120	4	20		
4-Chlorotoluene	86	83	65 - 120	3	20		
tert-Butylbenzene	95	92	67 - 120	4	20		
1,2,4-Trimethylbenzene	94	89	70 - 120	6	20		
sec-Butylbenzene	92	89	71 - 120	3	20		
1,3-Dichlorobenzene	94	90	73 - 120	4	20		
p-Isopropyltoluene	87	83	70 - 120	5	20		
1,4-Dichlorobenzene	92	86	72 - 120	6	20		
n-Butylbenzene	90	82	72 - 120	9	20		
1,2-Dichlorobenzene	98	94	62 - 131	3	20		
1,2-Dibromo-3-Chloropropane	78	77	55 - 130	1	20		
1,2,4-Trichlorobenzene	88	83	54 - 120	6	20		
Hexachlorobutadiene	94	90	64 - 125	4	20		
Naphthalene	87	82	51 - 120	7	20		
1,2,3-Trichlorobenzene	94	90	57 - 120	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

**Quality Control Results**

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 500-64658**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 500-64658/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 0139  
Date Prepared: 05/27/2009 0139

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2S0526A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-64658/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/27/2009 1101  
Date Prepared: 05/27/2009 1101

Analysis Batch: 500-64658  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2T0526A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
1,2-Dichloroethane-d4 (Surr)	98	95	72 - 135				
Toluene-d8 (Surr)	96	100	80 - 120				
4-Bromofluorobenzene (Surr)	97	92	77 - 120				
Dibromofluoromethane	99	102	79 - 133				

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Method Blank - Batch: 500-64851**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-64851/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1954  
Date Prepared: 05/28/2009 1954

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2M0528B.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Benzene	<1.0		0.16	1.0
Dichlorodifluoromethane	<1.0		0.29	1.0
Chloromethane	<1.0		0.33	1.0
Vinyl chloride	<1.0		0.23	1.0
Bromomethane	<1.0		0.44	1.0
Chloroethane	<1.0		0.45	1.0
Trichlorofluoromethane	<1.0		0.32	1.0
1,1-Dichloroethene	<1.0		0.22	1.0
Carbon disulfide	<5.0		0.39	5.0
Acetone	<5.0		1.2	5.0
Methylene Chloride	<2.0		0.99	2.0
trans-1,2-Dichloroethene	<1.0		0.17	1.0
1,1-Dichloroethane	<1.0		0.18	1.0
2,2-Dichloropropane	<1.0		0.30	1.0
cis-1,2-Dichloroethene	<1.0		0.21	1.0
Methyl Ethyl Ketone	<5.0		0.83	5.0
Bromochloromethane	<1.0		0.33	1.0
Chloroform	<1.0		0.13	1.0
1,1,1-Trichloroethane	<1.0		0.23	1.0
1,1-Dichloropropene	<1.0		0.17	1.0
Carbon tetrachloride	<1.0		0.21	1.0
1,2-Dichloroethane	<1.0		0.22	1.0
Trichloroethene	<1.0		0.20	1.0
1,2-Dichloropropane	<1.0		0.23	1.0
Dibromomethane	<1.0		0.31	1.0
Bromodichloromethane	<1.0		0.18	1.0
cis-1,3-Dichloropropene	<1.0		0.16	1.0
methyl isobutyl ketone	<5.0		0.58	5.0
Toluene	<1.0		0.16	1.0
trans-1,3-Dichloropropene	<1.0		0.13	1.0
1,1,2-Trichloroethane	<1.0		0.32	1.0
Tetrachloroethene	<1.0		0.14	1.0
1,3-Dichloropropane	<1.0		0.17	1.0
2-Hexanone	<5.0		0.77	5.0
Dibromochloromethane	<1.0		0.19	1.0
1,2-Dibromoethane	<1.0		0.24	1.0
Chlorobenzene	<1.0		0.17	1.0
1,1,1,2-Tetrachloroethane	<1.0		0.18	1.0
Ethylbenzene	<1.0		0.17	1.0
m&p-Xylene	<2.0		0.23	2.0
o-Xylene	<1.0		0.12	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.



## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Method Blank - Batch: 500-64851**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-64851/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1954  
Date Prepared: 05/28/2009 1954

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2M0528B.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Styrene	<1.0		0.15	1.0
Bromoform	<1.0		0.30	1.0
Isopropylbenzene	<1.0		0.14	1.0
Bromobenzene	<1.0		0.15	1.0
1,1,2,2-Tetrachloroethane	<1.0		0.25	1.0
1,2,3-Trichloropropane	<1.0		0.39	1.0
N-Propylbenzene	<1.0		0.11	1.0
2-Chlorotoluene	<1.0		0.16	1.0
1,3,5-Trimethylbenzene	<1.0		0.14	1.0
4-Chlorotoluene	<1.0		0.14	1.0
tert-Butylbenzene	<1.0		0.13	1.0
1,2,4-Trimethylbenzene	<1.0		0.12	1.0
sec-Butylbenzene	<1.0		0.14	1.0
1,3-Dichlorobenzene	<1.0		0.19	1.0
p-Isopropyltoluene	<1.0		0.12	1.0
1,4-Dichlorobenzene	<1.0		0.15	1.0
n-Butylbenzene	<1.0		0.13	1.0
1,2-Dichlorobenzene	<1.0		0.15	1.0
1,2-Dibromo-3-Chloropropane	<2.0		0.85	2.0
1,2,4-Trichlorobenzene	<1.0		0.20	1.0
Hexachlorobutadiene	<1.0		0.27	1.0
Naphthalene	<1.0		0.32	1.0
1,2,3-Trichlorobenzene	<1.0		0.20	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	95	72 - 135		
Toluene-d8 (Surr)	97	80 - 120		
4-Bromofluorobenzene (Surr)	87	77 - 120		
Dibromofluoromethane	100	79 - 133		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 500-64851**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 500-64851/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 2018  
Date Prepared: 05/28/2009 2018

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2S0528A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-64851/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/29/2009 0453  
Date Prepared: 05/29/2009 0453

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2T0528A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	105	103	70 - 120	2	20		
Dichlorodifluoromethane	101	114	58 - 186	11	20		
Chloromethane	102	102	56 - 133	0	20		
Vinyl chloride	113	111	75 - 158	2	20		
Bromomethane	108	105	56 - 154	3	20		
Chloroethane	88	84	60 - 144	4	20		
Trichlorofluoromethane	113	111	58 - 146	2	20		
1,1-Dichloroethene	106	105	55 - 129	0	20		
Carbon disulfide	103	101	31 - 146	1	20		
Acetone	104	103	29 - 152	2	20		
Methylene Chloride	115	116	63 - 128	1	20		
trans-1,2-Dichloroethene	108	105	66 - 120	3	20		
1,1-Dichloroethane	103	101	65 - 120	1	20		
2,2-Dichloropropane	84	80	59 - 121	4	20		
cis-1,2-Dichloroethene	107	106	72 - 123	0	20		
Methyl Ethyl Ketone	103	107	47 - 138	3	20		
Bromochloromethane	99	95	63 - 122	4	20		
Chloroform	104	105	70 - 120	1	20		
1,1,1-Trichloroethane	103	100	64 - 122	3	20		
1,1-Dichloropropene	104	105	70 - 120	1	20		
Carbon tetrachloride	104	99	62 - 122	4	20		
1,2-Dichloroethane	117	114	62 - 120	3	20		
Trichloroethene	118	116	71 - 120	1	20		
1,2-Dichloropropane	111	108	75 - 120	3	20		
Dibromomethane	103	103	72 - 120	0	20		
Bromodichloromethane	106	103	74 - 120	3	20		
cis-1,3-Dichloropropene	94	86	65 - 120	9	20		
methyl isobutyl ketone	105	103	59 - 120	2	20		
Toluene	106	101	72 - 120	5	20		
trans-1,3-Dichloropropene	93	86	59 - 120	8	20		
1,1,2-Trichloroethane	104	109	68 - 126	4	20		
Tetrachloroethene	113	111	70 - 120	2	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 500-64851**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 500-64851/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 2018  
Date Prepared: 05/28/2009 2018

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2S0528A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-64851/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/29/2009 0453  
Date Prepared: 05/29/2009 0453

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973I  
Lab File ID: 2T0528A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,3-Dichloropropane	109	107	77 - 120	2	20		
2-Hexanone	101	107	56 - 120	6	20		
Dibromochloromethane	107	104	64 - 120	4	20		
1,2-Dibromoethane	108	106	72 - 120	2	20		
Chlorobenzene	110	107	75 - 120	3	20		
1,1,1,2-Tetrachloroethane	111	109	70 - 121	2	20		
Ethylbenzene	111	106	76 - 120	5	20		
m&p-Xylene	106	104	74 - 120	2	20		
o-Xylene	105	102	74 - 120	3	20		
Styrene	109	107	76 - 120	2	20		
Bromoform	102	99	58 - 120	3	20		
Isopropylbenzene	95	88	64 - 120	7	20		
Bromobenzene	111	106	68 - 120	5	20		
1,1,2,2-Tetrachloroethane	98	94	69 - 120	4	20		
1,2,3-Trichloropropane	108	104	65 - 120	4	20		
N-Propylbenzene	103	96	66 - 120	7	20		
2-Chlorotoluene	105	98	68 - 120	7	20		
1,3,5-Trimethylbenzene	104	98	68 - 120	6	20		
4-Chlorotoluene	100	94	65 - 120	6	20		
tert-Butylbenzene	111	103	67 - 120	7	20		
1,2,4-Trimethylbenzene	109	102	70 - 120	7	20		
sec-Butylbenzene	108	100	71 - 120	7	20		
1,3-Dichlorobenzene	109	102	73 - 120	7	20		
p-Isopropyltoluene	101	94	70 - 120	7	20		
1,4-Dichlorobenzene	102	100	72 - 120	3	20		
n-Butylbenzene	101	94	72 - 120	6	20		
1,2-Dichlorobenzene	110	105	62 - 131	4	20		
1,2-Dibromo-3-Chloropropane	85	76	55 - 130	12	20		
1,2,4-Trichlorobenzene	94	88	54 - 120	7	20		
Hexachlorobutadiene	103	99	64 - 125	4	20		
Naphthalene	89	83	51 - 120	7	20		
1,2,3-Trichlorobenzene	95	92	57 - 120	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 500-64851**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 500-64851/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 2018  
Date Prepared: 05/28/2009 2018

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2S0528A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 500-64851/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/29/2009 0453  
Date Prepared: 05/29/2009 0453

Analysis Batch: 500-64851  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N  
Lab File ID: 2T0528A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	94		101			72 - 135	
Toluene-d8 (Surr)	96		96			80 - 120	
4-Bromofluorobenzene (Surr)	95		97			77 - 120	
Dibromofluoromethane	96		102			79 - 133	

Calculations are performed before rounding to avoid round-off errors in calculated results.

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466  
 Phone: 708.534.5205 Fax: 708.534.5211

Report To (optional)  
 Contact: Greg Flaszki  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: 610.701.3779  
 Fax: \_\_\_\_\_  
 E-Mail: \_\_\_\_\_

Bill To (optional)  
 Contact: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 PC# Reference# \_\_\_\_\_

## Chain of Custody Record

Lab Job #: 500-19093  
 Chain of Custody Number: \_\_\_\_\_  
 Page 1 of 3  
 Temperature °C of Cooler: 2.6

06/04/2009

Client		Client Project #		Preservative		Parameter		Matrix		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. Cool to 4° 7. None 8. Other
Weston Solution		02501.004.004.0202		HCl		VOC				
Project Name Black + Decker		Lab Project: # A1								
Project Location/State Hampstead MD		Lab PI# Dick Wright								
Lab ID	MISMSD	Sample ID	Date	Time	# of Containers	Matrix				Comments
1		EW-2	5/20/09	1620	3	W	✓			
2		EW-3	5/21/09	1150			✓			
3		EW-3 Dup	5/21/09	1150			✓			
4		EW-4	5/21/09	1130			✓			
5		EW-5	5/20/09	1015			✓			
6		EW-6	5/20/09	1530			✓			
7		EW-7	5/20/09	1535			✓			
8		EW-8	5/20/09	1435			✓			
9		EW-9	5/20/09	1445			✓			
10		EW-10	5/20/09	1450			✓			

Page 77 of 80

Turnaround Time Required (Business Days):  
 1 Day  2 Days  5 Days  10 Days  15 Days  Other \_\_\_\_\_

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

Requested By: <u>[Signature]</u>	Company: _____	Date: <u>5/22/09</u>	Time: <u>1600</u>	Received By: <u>[Signature]</u>	Company: <u>TA</u>	Date: <u>5/23/09</u>	Time: <u>0925</u>	Lab Courier: _____
Requested By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____	Shipped: <u>[Signature]</u>
Requested By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____	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: \_\_\_\_\_

Report To: _____	Bill To: _____
Contact: _____	Contact: _____
Company: _____	Company: _____
Address: _____	Address: _____
Address: _____	Address: _____
Phone: _____	Phone: _____
Fax: _____	Fax: _____
E-Mail: _____	PO# Reference# _____

Lab Job #: 500-190938

Chain of Custody Number: \_\_\_\_\_

Page 2 of 3

Temperature °C of Cooler: \_\_\_\_\_

06/04/2009

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
Weston Solutions		02501004.004.0000		HCl		VOC + MDE				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. Cool to 4° 7. None 8. Other	
Project Name		Lab Project #		# of Containers		Matrix					
Black + Decker				3		W					
Project Location/State		Lab PM		Date		Time					
Hampstead MD		Duck Wright		5/20/09		1010					
Sampler		Sample ID		Date		Time					
Greg Flaszski		RFW-1A		5/20/09		1010					
		RFW-1B		5/20/09		1700					
		RFW-2A		5/20		905					
		RFW-2B		5/20		935					
		RFW-3B		5/21		800					
		RFW-4A		5/21/09		1025					
		RFW-4A dup		5/21/09		1025					
		RFW-4B		5/21/09		1055					
		RFW-6		5/21/09		800					
		RFW-7		5/20/09		1353					

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Turnaround Time Required (Business Days):  1 Day  2 Days  5 Days  10 days  15 Days  Other

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: <u>[Signature]</u>	Company: _____	Date: <u>5/22/09</u>	Time: <u>1600</u>	Received By: <u>[Signature]</u>	Company: <u>TA</u>	Date: <u>5/23/09</u>	Time: <u>0925</u>
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____

Lab Courier: \_\_\_\_\_

Shipped: EX

Hand Delivered: \_\_\_\_\_

<p>Matrix Key</p> <p>WW - Wastewater SE - Sediment</p> <p>W - Water SC - Soil</p> <p>S - Soil L - Leachate</p> <p>SL - Sludge WL - Wipe</p> <p>MS - Miscellaneous DW - Drinking Water</p> <p>OL - Oil O - Other</p> <p>A - Air</p>	Client Comments: _____	Lab Comments: _____
--	------------------------	---------------------

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466  
 Phone: 708.534.5202 Fax: 708.534.5211

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

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

## Chain of Custody Record

Lab Job #: 500-19093  
 Chain of Custody Number: \_\_\_\_\_  
 Page 3 of 3  
 Temperature °C of Cooler: \_\_\_\_\_

06/04/2009

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
Weston				HEI							
Project Name		Lab Project #									
Black + Decker											
Project Location/State		Lab PM									
Hampstead, MD											
Sampler											
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix					
21		RFW-9	5/21/09	1310	3	W	✓				
22		RFW-11B	5/21/09	1310	1		✓				
23		RFW-12B	5/21/09	1010	1		✓				
24		RFW-13	5/20/09	1600	1		✓				
25		RFW-17	5/20/09	1445	1		✓				
26		Trip Blank	5/20/09	800	1		✓				

- 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. Cool to 4°
  7. None
  8. Other

Page 79 of 80

Turnaround Time Required (Business Days):  
 1 Day  2 Days  5 Days  10 days  15 Days  Other

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

Requisition By: <u>[Signature]</u>	Company: _____	Date: <u>5/23/09</u>	Time: <u>1600</u>	Received By: <u>[Signature]</u>	Company: <u>TA</u>	Date: <u>5/23/09</u>	Time: <u>0825</u>
Requisition By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____
Requisition By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____

Lab Courier: \_\_\_\_\_  
 Shipped: [Signature]  
 Hand Delivered: \_\_\_\_\_

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

Client Comments: \_\_\_\_\_

Lab Comments: \_\_\_\_\_

## Login Sample Receipt Check List

Client: Weston Solutions, Inc.

Job Number: 500-19093

Login Number: 19093

List Source: TestAmerica Chicago

Creator: Lunt, Jeff T

List Number: 1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.6
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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	



## ANALYTICAL REPORT

Job Number: 680-47554-1

Job Description: Black & Decker

For:

Weston Solutions, Inc.

1400 Weston Way

PO BOX 2653

West Chester, PA 19380

Attention: Mr. Tom Cornuet



Approved for release.  
Bernard Kirkland  
Project Manager I  
5/29/2009 5:30 PM

Designee for

Abbie Page

Project Manager I

[abbie.page@testamericainc.com](mailto:abbie.page@testamericainc.com)

05/29/2009

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

TestAmerica Laboratories, Inc.

TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404

Tel (912) 354-7858 Fax (912) 352-0165 [www.testamericainc.com](http://www.testamericainc.com)



**Job Narrative  
680-J47554-1**

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method(s) 524.2: The laboratory control sample duplicate (LCSD) for batch 139078 exceeded control limits for the following analyte: bromomethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data has been reported.

Method(s) 524.2: The trip blank associated with these samples contained a detection above the reporting limit (RL) for methylene chloride and acetone was detected above the method detection limit (MDL).

No other analytical or quality issues were noted.

# METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	EPA-DW 524.2	

### Lab References:

TAL SAV = TestAmerica Savannah

### Method References:

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

### SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-47554-1	Hamp - 22	Water	05/21/2009 0945	05/23/2009 1045
680-47554-2	RFW - 20	Water	05/20/2009 1710	05/23/2009 1045
680-47554-3	RFW - 21	Water	05/20/2009 1150	05/23/2009 1045
680-47554-4	Trip Blank	Water	05/20/2009 0900	05/23/2009 1045

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: Hamp - 22

Lab Sample ID: 680-47554-1

Date Sampled: 05/21/2009 0945

Client Matrix: Water

Date Received: 05/23/2009 1045

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1858  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U  
 Lab File ID: u1563.d  
 Initial Weight/Volume: 5 mL  
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	<10		2.1	10
Benzene	<0.50		0.19	0.50
Bromobenzene	<0.50		0.13	0.50
Bromoform	<0.50		0.17	0.50
Bromomethane	<1.0		0.49	1.0
Carbon tetrachloride	<0.50		0.38	0.50
Chlorobenzene	<0.50		0.19	0.50
Chlorobromomethane	<0.50		0.27	0.50
Chlorodibromomethane	<0.50		0.16	0.50
Chloroethane	<1.0		0.36	1.0
Chloroform	0.25	J	0.20	0.50
Chloromethane	<0.50		0.31	0.50
2-Chlorotoluene	<0.50		0.18	0.50
4-Chlorotoluene	<0.50		0.18	0.50
cis-1,2-Dichloroethene	<0.50		0.25	0.50
cis-1,3-Dichloropropene	<0.50		0.16	0.50
1,2-Dibromo-3-Chloropropane	<0.50		0.29	0.50
Dibromomethane	<0.50		0.18	0.50
1,2-Dichlorobenzene	<0.50		0.23	0.50
1,3-Dichlorobenzene	<0.50		0.19	0.50
1,4-Dichlorobenzene	<0.50		0.17	0.50
Dichlorobromomethane	<0.50		0.19	0.50
Dichlorodifluoromethane	<0.50		0.46	0.50
1,1-Dichloroethane	<0.50		0.23	0.50
1,2-Dichloroethane	<0.50		0.19	0.50
1,1-Dichloroethene	<0.50		0.24	0.50
1,2-Dichloropropane	<0.50		0.22	0.50
1,3-Dichloropropane	<0.50		0.19	0.50
2,2-Dichloropropane	<0.50		0.33	0.50
1,1-Dichloropropene	<0.50		0.19	0.50
1,3-Dichloropropene, Total	<0.50		0.37	0.50
Diisopropyl ether	<0.50		0.16	0.50
Ethylbenzene	<0.50		0.18	0.50
Ethylene Dibromide	<0.50		0.27	0.50
Freon 113	<0.50		0.22	0.50
Hexachlorobutadiene	<0.50		0.20	0.50
2-Hexanone	<10		5.0	10
Isopropylbenzene	<0.50		0.15	0.50
4-Isopropyltoluene	<0.50		0.15	0.50
Methylene Chloride	<0.50		0.21	0.50
2-Butanone (MEK)	<10		5.0	10
4-Methyl-2-pentanone (MIBK)	<10		5.0	10
m-Xylene & p-Xylene	<0.50		0.34	0.50
Naphthalene	<1.0		0.43	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: Hamp - 22

Lab Sample ID: 680-47554-1

Date Sampled: 05/21/2009 0945

Client Matrix: Water

Date Received: 05/23/2009 1045

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1858  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U

Lab File ID: u1563.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
n-Butylbenzene	<0.50		0.14	0.50
N-Propylbenzene	<0.50		0.19	0.50
o-Xylene	<0.50		0.11	0.50
sec-Butylbenzene	<0.50		0.17	0.50
Styrene	<0.50		0.30	0.50
Tert-amyl methyl ether	<0.50		0.091	0.50
tert-Butyl alcohol	<2.0		1.1	2.0
tert-Butylbenzene	<0.50		0.17	0.50
Tert-butyl ethyl ether	<0.50		0.11	0.50
1,1,1,2-Tetrachloroethane	<0.50		0.20	0.50
1,1,2,2-Tetrachloroethane	<0.50		0.15	0.50
Tetrachloroethene	<0.50		0.22	0.50
Toluene	<0.50		0.21	0.50
trans-1,2-Dichloroethene	<0.50		0.22	0.50
trans-1,3-Dichloropropene	<0.50		0.21	0.50
1,2,3-Trichlorobenzene	<0.50		0.45	0.50
1,2,4-Trichlorobenzene	<0.50		0.38	0.50
1,1,1-Trichloroethane	<0.50		0.16	0.50
1,1,2-Trichloroethane	<0.50		0.25	0.50
Trichloroethene	<0.50		0.20	0.50
Trichlorofluoromethane	<0.50		0.31	0.50
1,2,3-Trichloropropane	<0.50		0.22	0.50
Trihalomethanes, Total	0.25	J	0.16	0.50
1,2,4-Trimethylbenzene	<0.50		0.17	0.50
1,3,5-Trimethylbenzene	<0.50		0.17	0.50
Vinyl chloride	<0.50		0.29	0.50
Xylenes, Total	<0.50		0.44	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	70 - 130
1,2-Dichlorobenzene-d4	94	70 - 130

## Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: RFW - 20

Lab Sample ID: 680-47554-2

Date Sampled: 05/20/2009 1710

Client Matrix: Water

Date Received: 05/23/2009 1045

### 524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1917  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U

Lab File ID: u1564.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	<10		2.1	10
Benzene	<0.50		0.19	0.50
Bromobenzene	<0.50		0.13	0.50
Bromoform	<0.50		0.17	0.50
Bromomethane	<1.0	*	0.49	1.0
Carbon tetrachloride	<0.50		0.38	0.50
Chlorobenzene	<0.50		0.19	0.50
Chlorobromomethane	<0.50		0.27	0.50
Chlorodibromomethane	<0.50		0.16	0.50
Chloroethane	<1.0		0.36	1.0
Chloroform	<0.50		0.20	0.50
Chloromethane	<0.50		0.31	0.50
2-Chlorotoluene	<0.50		0.18	0.50
4-Chlorotoluene	<0.50		0.18	0.50
cis-1,2-Dichloroethene	<0.50		0.25	0.50
cis-1,3-Dichloropropene	<0.50		0.16	0.50
1,2-Dibromo-3-Chloropropane	<0.50		0.29	0.50
Dibromomethane	<0.50		0.18	0.50
1,2-Dichlorobenzene	<0.50		0.23	0.50
1,3-Dichlorobenzene	<0.50		0.19	0.50
1,4-Dichlorobenzene	<0.50		0.17	0.50
Dichlorobromomethane	<0.50		0.19	0.50
Dichlorodifluoromethane	<0.50		0.46	0.50
1,1-Dichloroethane	<0.50		0.23	0.50
1,2-Dichloroethane	<0.50		0.19	0.50
1,1-Dichloroethene	<0.50		0.24	0.50
1,2-Dichloropropane	<0.50		0.22	0.50
1,3-Dichloropropane	<0.50		0.19	0.50
2,2-Dichloropropane	<0.50		0.33	0.50
1,1-Dichloropropene	<0.50		0.19	0.50
1,3-Dichloropropene, Total	<0.50		0.37	0.50
Diisopropyl ether	<0.50		0.16	0.50
Ethylbenzene	<0.50		0.18	0.50
Ethylene Dibromide	<0.50		0.27	0.50
Freon 113	<0.50		0.22	0.50
Hexachlorobutadiene	<0.50		0.20	0.50
2-Hexanone	<10		5.0	10
Isopropylbenzene	<0.50		0.15	0.50
4-Isopropyltoluene	<0.50		0.15	0.50
Methylene Chloride	<0.50		0.21	0.50
2-Butanone (MEK)	<10		5.0	10
4-Methyl-2-pentanone (MIBK)	<10		5.0	10
m-Xylene & p-Xylene	<0.50		0.34	0.50
Naphthalene	<1.0		0.43	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: RFW - 20

Lab Sample ID: 680-47554-2

Date Sampled: 05/20/2009 1710

Client Matrix: Water

Date Received: 05/23/2009 1045

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1917  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U  
 Lab File ID: u1564.d  
 Initial Weight/Volume: 5 mL  
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
n-Butylbenzene	<0.50		0.14	0.50
N-Propylbenzene	<0.50		0.19	0.50
o-Xylene	<0.50		0.11	0.50
sec-Butylbenzene	<0.50		0.17	0.50
Styrene	<0.50		0.30	0.50
Tert-amyl methyl ether	<0.50		0.091	0.50
tert-Butyl alcohol	<2.0		1.1	2.0
tert-Butylbenzene	<0.50		0.17	0.50
Tert-butyl ethyl ether	<0.50		0.11	0.50
1,1,1,2-Tetrachloroethane	<0.50		0.20	0.50
1,1,2,2-Tetrachloroethane	<0.50		0.15	0.50
Tetrachloroethene	<0.50		0.22	0.50
Toluene	<0.50		0.21	0.50
trans-1,2-Dichloroethene	<0.50		0.22	0.50
trans-1,3-Dichloropropene	<0.50		0.21	0.50
1,2,3-Trichlorobenzene	<0.50		0.45	0.50
1,2,4-Trichlorobenzene	<0.50		0.38	0.50
1,1,1-Trichloroethane	<0.50		0.16	0.50
1,1,2-Trichloroethane	<0.50		0.25	0.50
Trichloroethene	0.73		0.20	0.50
Trichlorofluoromethane	<0.50		0.31	0.50
1,2,3-Trichloropropane	<0.50		0.22	0.50
Trihalomethanes, Total	<0.50		0.16	0.50
1,2,4-Trimethylbenzene	<0.50		0.17	0.50
1,3,5-Trimethylbenzene	<0.50		0.17	0.50
Vinyl chloride	<0.50		0.29	0.50
Xylenes, Total	<0.50		0.44	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	70 - 130
1,2-Dichlorobenzene-d4	91	70 - 130



## Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: RFW - 21

Lab Sample ID: 680-47554-3

Date Sampled: 05/20/2009 1150

Client Matrix: Water

Date Received: 05/23/2009 1045

### 524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1937  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U  
 Lab File ID: u1565.d  
 Initial Weight/Volume: 5 mL  
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	<10		2.1	10
Benzene	<0.50		0.19	0.50
Bromobenzene	<0.50		0.13	0.50
Bromoform	<0.50		0.17	0.50
Bromomethane	<1.0		0.49	1.0
Carbon tetrachloride	<0.50		0.38	0.50
Chlorobenzene	<0.50		0.19	0.50
Chlorobromomethane	<0.50		0.27	0.50
Chlorodibromomethane	<0.50		0.16	0.50
Chloroethane	<1.0		0.36	1.0
Chloroform	<0.50		0.20	0.50
Chloromethane	<0.50		0.31	0.50
2-Chlorotoluene	<0.50		0.18	0.50
4-Chlorotoluene	<0.50		0.18	0.50
cis-1,2-Dichloroethene	<0.50		0.25	0.50
cis-1,3-Dichloropropene	<0.50		0.16	0.50
1,2-Dibromo-3-Chloropropane	<0.50		0.29	0.50
Dibromomethane	<0.50		0.18	0.50
1,2-Dichlorobenzene	<0.50		0.23	0.50
1,3-Dichlorobenzene	<0.50		0.19	0.50
1,4-Dichlorobenzene	<0.50		0.17	0.50
Dichlorobromomethane	<0.50		0.19	0.50
Dichlorodifluoromethane	<0.50		0.46	0.50
1,1-Dichloroethane	<0.50		0.23	0.50
1,2-Dichloroethane	<0.50		0.19	0.50
1,1-Dichloroethene	<0.50		0.24	0.50
1,2-Dichloropropane	<0.50		0.22	0.50
1,3-Dichloropropane	<0.50		0.19	0.50
2,2-Dichloropropane	<0.50		0.33	0.50
1,1-Dichloropropene	<0.50		0.19	0.50
1,3-Dichloropropene, Total	<0.50		0.37	0.50
Diisopropyl ether	<0.50		0.16	0.50
Ethylbenzene	<0.50		0.18	0.50
Ethylene Dibromide	<0.50		0.27	0.50
Freon 113	<0.50		0.22	0.50
Hexachlorobutadiene	<0.50		0.20	0.50
2-Hexanone	<10		5.0	10
Isopropylbenzene	<0.50		0.15	0.50
4-Isopropyltoluene	<0.50		0.15	0.50
Methylene Chloride	<0.50		0.21	0.50
2-Butanone (MEK)	<10		5.0	10
4-Methyl-2-pentanone (MIBK)	<10		5.0	10
m-Xylene & p-Xylene	<0.50		0.34	0.50
Naphthalene	<1.0		0.43	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: RFW - 21

Lab Sample ID: 680-47554-3

Date Sampled: 05/20/2009 1150

Client Matrix: Water

Date Received: 05/23/2009 1045

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1937  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U

Lab File ID: u1565.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
n-Butylbenzene	<0.50		0.14	0.50
N-Propylbenzene	<0.50		0.19	0.50
o-Xylene	<0.50		0.11	0.50
sec-Butylbenzene	<0.50		0.17	0.50
Styrene	<0.50		0.30	0.50
Tert-amyl methyl ether	<0.50		0.091	0.50
tert-Butyl alcohol	<2.0		1.1	2.0
tert-Butylbenzene	<0.50		0.17	0.50
Tert-butyl ethyl ether	<0.50		0.11	0.50
1,1,1,2-Tetrachloroethane	<0.50		0.20	0.50
1,1,2,2-Tetrachloroethane	<0.50		0.15	0.50
Tetrachloroethene	<0.50		0.22	0.50
Toluene	<0.50		0.21	0.50
trans-1,2-Dichloroethene	<0.50		0.22	0.50
trans-1,3-Dichloropropene	<0.50		0.21	0.50
1,2,3-Trichlorobenzene	<0.50		0.45	0.50
1,2,4-Trichlorobenzene	<0.50		0.38	0.50
1,1,1-Trichloroethane	<0.50		0.16	0.50
1,1,2-Trichloroethane	<0.50		0.25	0.50
Trichloroethene	<0.50		0.20	0.50
Trichlorofluoromethane	<0.50		0.31	0.50
1,2,3-Trichloropropane	<0.50		0.22	0.50
Trihalomethanes, Total	<0.50		0.16	0.50
1,2,4-Trimethylbenzene	<0.50		0.17	0.50
1,3,5-Trimethylbenzene	<0.50		0.17	0.50
Vinyl chloride	<0.50		0.29	0.50
Xylenes, Total	<0.50		0.44	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	70 - 130
1,2-Dichlorobenzene-d4	88	70 - 130

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: Trip Blank  
 Lab Sample ID: 680-47554-4  
 Client Matrix: Water

Date Sampled: 05/20/2009 0900  
 Date Received: 05/23/2009 1045

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1838  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U  
 Lab File ID: u1562.d  
 Initial Weight/Volume: 5 mL  
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	2.1	10
Benzene	<0.50		0.19	0.50
Bromobenzene	<0.50		0.13	0.50
Bromoform	<0.50		0.17	0.50
Bromomethane	<1.0		0.49	1.0
Carbon tetrachloride	<0.50		0.38	0.50
Chlorobenzene	<0.50		0.19	0.50
Chlorobromomethane	<0.50		0.27	0.50
Chlorodibromomethane	<0.50		0.16	0.50
Chloroethane	<1.0		0.36	1.0
Chloroform	<0.50		0.20	0.50
Chloromethane	<0.50		0.31	0.50
2-Chlorotoluene	<0.50		0.18	0.50
4-Chlorotoluene	<0.50		0.18	0.50
cis-1,2-Dichloroethene	<0.50		0.25	0.50
cis-1,3-Dichloropropene	<0.50		0.16	0.50
1,2-Dibromo-3-Chloropropane	<0.50		0.29	0.50
Dibromomethane	<0.50		0.18	0.50
1,2-Dichlorobenzene	<0.50		0.23	0.50
1,3-Dichlorobenzene	<0.50		0.19	0.50
1,4-Dichlorobenzene	<0.50		0.17	0.50
Dichlorobromomethane	<0.50		0.19	0.50
Dichlorodifluoromethane	<0.50		0.46	0.50
1,1-Dichloroethane	<0.50		0.23	0.50
1,2-Dichloroethane	<0.50		0.19	0.50
1,1-Dichloroethene	<0.50		0.24	0.50
1,2-Dichloropropane	<0.50		0.22	0.50
1,3-Dichloropropane	<0.50		0.19	0.50
2,2-Dichloropropane	<0.50		0.33	0.50
1,1-Dichloropropene	<0.50		0.19	0.50
1,3-Dichloropropene, Total	<0.50		0.37	0.50
Diisopropyl ether	<0.50		0.16	0.50
Ethylbenzene	<0.50		0.18	0.50
Ethylene Dibromide	<0.50		0.27	0.50
Freon 113	<0.50		0.22	0.50
Hexachlorobutadiene	<0.50		0.20	0.50
2-Hexanone	<10		5.0	10
Isopropylbenzene	<0.50		0.15	0.50
4-Isopropyltoluene	<0.50		0.15	0.50
Methylene Chloride	0.91		0.21	0.50
2-Butanone (MEK)	<10		5.0	10
4-Methyl-2-pentanone (MIBK)	<10		5.0	10
m-Xylene & p-Xylene	<0.50		0.34	0.50
Naphthalene	<1.0		0.43	1.0

Analytical Data

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-47554-4  
 Client Matrix: Water

Date Sampled: 05/20/2009 0900  
 Date Received: 05/23/2009 1045

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2  
 Preparation: N/A  
 Dilution: 1.0  
 Date Analyzed: 05/28/2009 1838  
 Date Prepared: N/A

Analysis Batch: 680-139078

Instrument ID: GC/MS Volatiles - U  
 Lab File ID: u1562.d  
 Initial Weight/Volume: 5 mL  
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
n-Butylbenzene	<0.50		0.14	0.50
N-Propylbenzene	<0.50		0.19	0.50
o-Xylene	<0.50		0.11	0.50
sec-Butylbenzene	<0.50		0.17	0.50
Styrene	<0.50		0.30	0.50
Tert-amyl methyl ether	<0.50		0.091	0.50
tert-Butyl alcohol	<2.0		1.1	2.0
tert-Butylbenzene	<0.50		0.17	0.50
Tert-butyl ethyl ether	<0.50		0.11	0.50
1,1,1,2-Tetrachloroethane	<0.50		0.20	0.50
1,1,2,2-Tetrachloroethane	<0.50		0.15	0.50
Tetrachloroethene	<0.50		0.22	0.50
Toluene	<0.50		0.21	0.50
trans-1,2-Dichloroethene	<0.50		0.22	0.50
trans-1,3-Dichloropropene	<0.50		0.21	0.50
1,2,3-Trichlorobenzene	<0.50		0.45	0.50
1,2,4-Trichlorobenzene	<0.50		0.38	0.50
1,1,1-Trichloroethane	<0.50		0.16	0.50
1,1,2-Trichloroethane	<0.50		0.25	0.50
Trichloroethene	<0.50		0.20	0.50
Trichlorofluoromethane	<0.50		0.31	0.50
1,2,3-Trichloropropane	<0.50		0.22	0.50
Trihalomethanes, Total	<0.50		0.16	0.50
1,2,4-Trimethylbenzene	<0.50		0.17	0.50
1,3,5-Trimethylbenzene	<0.50		0.17	0.50
Vinyl chloride	<0.50		0.29	0.50
Xylenes, Total	<0.50		0.44	0.50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	70 - 130
1,2-Dichlorobenzene-d4	89	70 - 130

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

**Surrogate Recovery Report**

**524.2 Volatile Organic Compounds (GC/MS)**

**Client Matrix: Water**

Lab Sample ID	Client Sample ID	BFB %Rec	12DCB %Rec
680-47554-1	Hamp - 22	93	94
680-47554-2	RFW - 20	95	91
680-47554-3	RFW - 21	94	88
680-47554-4	Trip Blank	89	89
MB 680-139078/32		94	90
LCS 680-139078/27		89	98
LCSD 680-139078/28		87	95

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	70-130
12DCB = 1,2-Dichlorobenzene-d4	70-130

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Method Blank - Batch: 680-139078

Method: 524.2  
Preparation: N/A

Lab Sample ID: MB 680-139078/32  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1419  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq288.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	<10		2.1	10
Benzene	<0.50		0.19	0.50
Bromobenzene	<0.50		0.13	0.50
Bromoform	<0.50		0.17	0.50
Bromomethane	<1.0		0.49	1.0
Carbon tetrachloride	<0.50		0.38	0.50
Chlorobenzene	<0.50		0.19	0.50
Chlorobromomethane	<0.50		0.27	0.50
Chlorodibromomethane	<0.50		0.16	0.50
Chloroethane	<1.0		0.36	1.0
Chloroform	<0.50		0.20	0.50
Chloromethane	<0.50		0.31	0.50
2-Chlorotoluene	<0.50		0.18	0.50
4-Chlorotoluene	<0.50		0.18	0.50
cis-1,2-Dichloroethene	<0.50		0.25	0.50
cis-1,3-Dichloropropene	<0.50		0.16	0.50
1,2-Dibromo-3-Chloropropane	<0.50		0.29	0.50
Dibromomethane	<0.50		0.18	0.50
1,2-Dichlorobenzene	<0.50		0.23	0.50
1,3-Dichlorobenzene	<0.50		0.19	0.50
1,4-Dichlorobenzene	<0.50		0.17	0.50
Dichlorobromomethane	<0.50		0.19	0.50
Dichlorodifluoromethane	<0.50		0.46	0.50
1,1-Dichloroethane	<0.50		0.23	0.50
1,2-Dichloroethane	<0.50		0.19	0.50
1,1-Dichloroethene	<0.50		0.24	0.50
1,2-Dichloropropane	<0.50		0.22	0.50
1,3-Dichloropropane	<0.50		0.19	0.50
2,2-Dichloropropane	<0.50		0.33	0.50
1,1-Dichloropropene	<0.50		0.19	0.50
1,3-Dichloropropene, Total	<0.50		0.37	0.50
Diisopropyl ether	<0.50		0.16	0.50
Ethylbenzene	<0.50		0.18	0.50
Ethylene Dibromide	<0.50		0.27	0.50
Freon 113	<0.50		0.22	0.50
Hexachlorobutadiene	<0.50		0.20	0.50
2-Hexanone	<10		5.0	10
Isopropylbenzene	<0.50		0.15	0.50
4-Isopropyltoluene	<0.50		0.15	0.50
Methylene Chloride	<0.50		0.21	0.50
2-Butanone (MEK)	<10		5.0	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Method Blank - Batch: 680-139078

Method: 524.2  
Preparation: N/A

Lab Sample ID: MB 680-139078/32  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1419  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq288.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
4-Methyl-2-pentanone (MIBK)	<10		5.0	10
m-Xylene & p-Xylene	<0.50		0.34	0.50
Naphthalene	<1.0		0.43	1.0
n-Butylbenzene	<0.50		0.14	0.50
N-Propylbenzene	<0.50		0.19	0.50
o-Xylene	<0.50		0.11	0.50
sec-Butylbenzene	<0.50		0.17	0.50
Styrene	<0.50		0.30	0.50
Tert-amyl methyl ether	<0.50		0.091	0.50
tert-Butyl alcohol	<2.0		1.1	2.0
tert-Butylbenzene	<0.50		0.17	0.50
Tert-butyl ethyl ether	<0.50		0.11	0.50
1,1,1,2-Tetrachloroethane	<0.50		0.20	0.50
1,1,2,2-Tetrachloroethane	<0.50		0.15	0.50
Tetrachloroethene	<0.50		0.22	0.50
Toluene	<0.50		0.21	0.50
trans-1,2-Dichloroethene	<0.50		0.22	0.50
trans-1,3-Dichloropropene	<0.50		0.21	0.50
1,2,3-Trichlorobenzene	<0.50		0.45	0.50
1,2,4-Trichlorobenzene	<0.50		0.38	0.50
1,1,1-Trichloroethane	<0.50		0.16	0.50
1,1,2-Trichloroethane	<0.50		0.25	0.50
Trichloroethene	<0.50		0.20	0.50
Trichlorofluoromethane	<0.50		0.31	0.50
1,2,3-Trichloropropane	<0.50		0.22	0.50
Trihalomethanes, Total	<0.50		0.16	0.50
1,2,4-Trimethylbenzene	<0.50		0.17	0.50
1,3,5-Trimethylbenzene	<0.50		0.17	0.50
Vinyl chloride	<0.50		0.29	0.50
Xylenes, Total	<0.50		0.44	0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	94	70 - 130
1,2-Dichlorobenzene-d4	90	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.



Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 680-139078

Method: 524.2  
Preparation: N/A

LCS Lab Sample ID: LCS 680-139078/27  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1034  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq283.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-139078/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1054  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq284.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	98	99	70 - 130	1	30		
Benzene	83	86	70 - 130	4	30		
Bromobenzene	79	82	70 - 130	3	30		
Bromoform	96	102	70 - 130	6	30		
Bromomethane	106	133	70 - 130	22	30		
Carbon tetrachloride	95	99	70 - 130	5	30		
Chlorobenzene	81	82	70 - 130	1	30		
Chlorobromomethane	84	88	70 - 130	4	30		
Chlorodibromomethane	93	98	70 - 130	5	30		
Chloroethane	100	97	70 - 130	3	30		
Chloroform	82	84	70 - 130	3	30		
Chloromethane	76	78	70 - 130	2	30		
2-Chlorotoluene	83	84	70 - 130	1	30		
4-Chlorotoluene	79	78	70 - 130	2	30		
cis-1,2-Dichloroethene	82	86	70 - 130	5	30		
cis-1,3-Dichloropropene	92	96	70 - 130	4	30		
1,2-Dibromo-3-Chloropropane	80	82	70 - 130	3	30		
Dibromomethane	81	86	70 - 130	6	30		
1,2-Dichlorobenzene	82	85	70 - 130	3	30		
1,3-Dichlorobenzene	82	82	70 - 130	0	30		
1,4-Dichlorobenzene	79	79	70 - 130	1	30		
Dichlorobromomethane	89	93	70 - 130	4	30		
Dichlorodifluoromethane	73	75	70 - 130	2	30		
1,1-Dichloroethane	81	84	70 - 130	4	30		
1,2-Dichloroethane	83	85	70 - 130	3	30		
1,1-Dichloroethene	81	84	70 - 130	4	30		
1,2-Dichloropropane	81	84	70 - 130	3	30		
1,3-Dichloropropane	81	85	70 - 130	5	30		
2,2-Dichloropropane	125	122	70 - 130	2	30		
1,1-Dichloropropene	84	87	70 - 130	3	30		
1,3-Dichloropropene, Total	94	98	70 - 130	4	30		
Diisopropyl ether	100	99	70 - 130	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 680-139078**

**Method: 524.2  
Preparation: N/A**

LCS Lab Sample ID: LCS 680-139078/27  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1034  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq283.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-139078/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1054  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq284.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Ethylbenzene	82	83	70 - 130	2	30		
Ethylene Dibromide	83	86	70 - 130	3	30		
Freon 113	110	106	70 - 130	4	30		
Hexachlorobutadiene	104	104	70 - 130	0	30		
2-Hexanone	101	102	70 - 130	1	30		
Isopropylbenzene	86	89	70 - 130	3	30		
4-Isopropyltoluene	95	96	70 - 130	0	30		
Methylene Chloride	80	82	70 - 130	3	30		
2-Butanone (MEK)	116	116	70 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	100	103	70 - 130	3	30		
m-Xylene & p-Xylene	82	82	70 - 130	0	30		
Naphthalene	98	104	70 - 130	5	30		
n-Butylbenzene	93	93	70 - 130	0	30		
N-Propylbenzene	81	81	70 - 130	0	30		
o-Xylene	88	89	70 - 130	2	30		
sec-Butylbenzene	90	91	70 - 130	1	30		
Styrene	80	81	70 - 130	1	30		
Tert-amyl methyl ether	84	94	70 - 130	12	30		
tert-Butyl alcohol	103	103	70 - 130	0	30		
tert-Butylbenzene	91	93	70 - 130	2	30		
Tert-butyl ethyl ether	90	97	70 - 130	8	30		
1,1,1,2-Tetrachloroethane	93	96	70 - 130	4	30		
1,1,2,2-Tetrachloroethane	85	89	70 - 130	5	30		
Tetrachloroethene	86	89	70 - 130	4	30		
Toluene	83	85	70 - 130	2	30		
trans-1,2-Dichloroethene	85	88	70 - 130	3	30		
trans-1,3-Dichloropropene	96	101	70 - 130	4	30		
1,2,3-Trichlorobenzene	93	97	70 - 130	4	30		
1,2,4-Trichlorobenzene	94	101	70 - 130	6	30		
1,1,1-Trichloroethane	86	90	70 - 130	5	30		
1,1,2-Trichloroethane	83	86	70 - 130	4	30		
Trichloroethene	80	86	70 - 130	8	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

**Quality Control Results**

Client: Weston Solutions, Inc.

Job Number: 680-47554-1

**Lab Control Sample/  
Lab Control Sample Duplicate Recovery Report - Batch: 680-139078**

**Method: 524.2  
Preparation: N/A**

LCS Lab Sample ID: LCS 680-139078/27  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1034  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq283.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-139078/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 05/28/2009 1054  
Date Prepared: N/A

Analysis Batch: 680-139078  
Prep Batch: N/A  
Units: ug/L

Instrument ID: GC/MS Volatiles - U  
Lab File ID: uq284.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Trichlorofluoromethane	87	90	70 - 130	3	30		
1,2,3-Trichloropropane	81	87	70 - 130	7	30		
1,2,4-Trimethylbenzene	88	91	70 - 130	4	30		
1,3,5-Trimethylbenzene	89	91	70 - 130	3	30		
Vinyl chloride	77	82	70 - 130	6	30		
Xylenes, Total	84	84	70 - 130	0	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	89		87		70 - 130		
1,2-Dichlorobenzene-d4	98		95		70 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

2417 Bond Street, University Park, IL 60466  
 Phone: 708.534.5200 Fax: 708.534.5211

Report To \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: 610-701-3779  
 Fax: \_\_\_\_\_  
 E-Mail: \_\_\_\_\_

Bill To \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 PO#/Reference# \_\_\_\_\_

Lab Job #: \_\_\_\_\_  
 Chain of Custody Number: \_\_\_\_\_  
 Page \_\_\_\_\_ of \_\_\_\_\_  
 Temperature °C of Cooler: \_\_\_\_\_

Client	Project Name	Project Location/State	Project #	Lab Project #	Sampler	Sample ID	Sampling		Matrix	# of Containers	Date	Time	Comments
							Time	Matrix					
Westar	Black + Becker	MD			Org. Flusht. Box	Hamp-aa	3	✓	3	945	5/21/09		
						RW-20	1	✓	1	1710	5/20/09		
						RW-21	1	✓	1	1150	5/20/09		
						Trip Black	2	✓	2	900	5/20/09		

Turnaround Time Required (Business Days) \_\_\_\_\_  
 1 Day \_\_\_\_\_ 2 Days \_\_\_\_\_ 5 Days \_\_\_\_\_ 10 Days \_\_\_\_\_ 15 Days \_\_\_\_\_ Other \_\_\_\_\_  
 Sample Disposal  Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months  
 (A fee may be assessed if samples are retained longer than 1 month)

Company	Date	Time	Received By	Company	Date	Time	Received By
Lab Counter				Lab Counter			
Shipped				Shipped			
Hand Delivered				Hand Delivered			

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

TEMPERATURE  
 5.8

(optional)

(optional)



Weston Solutions, Inc.  
1400 Weston Way  
P.O. Box 2653  
West Chester, Pennsylvania 19380  
610-701-3000 • Fax 610-701-3186  
www.westonsolutions.com

30 July 2009

Mr. Arthur O'Connell  
Waste Management Administration  
Maryland Department of the Environment  
1800 Washington Blvd.  
Baltimore, MD 21230

Re: Black & Decker Hampstead Facility

Dear Mr. O'Connell

On behalf of our client, Black & Decker (U.S.) Inc. (Black & Decker), Weston Solutions, Inc. (Weston) provides enclosed with this letter two copies of the Annual Report for the period of July 2008 through June 2009. This report has been drafted for your review pursuant to the Administrative Consent Order of 13 April 1995.

If you have any questions regarding the enclosure, please contact me at (610) 701-3776.

Very truly yours,

WESTON SOLUTIONS, INC.

Thomas Cornuet, P.G.  
Project Manager

Enclosure

cc: L. Biagioni, B&D  
J. Freed, B&D  
T. Lynch III, M&S  
K. Decker, Town of Hampstead  
L. Bove, Weston  
G. Flasiniski, Weston





Weston Solutions, Inc.  
1400 Weston Way  
P.O. Box 2653  
West Chester, Pennsylvania 19380  
610-701-3000 • Fax 610-701-3186  
www.westonsolutions.com

30 July 2009

Mr. Matthew G. Pajerowski  
Water Rights Administration  
Maryland Department of the Environment  
1800 Washington Blvd.  
Baltimore, MD 21230

RE: Permit No. CL66G029(06)  
Black & Decker Hampstead Facility

Dear Mr. Pajerowski:

On behalf of our client, Black & Decker (U.S.) Inc. (Black & Decker), Weston Solutions, Inc. (Weston) provides enclosed with this letter the Annual Report for the period of July 2008 through June 2009. This report is submitted in accordance with the Water Appropriation Permit issued to the Black & Decker, Hampstead facility and includes information required for the Withdrawal Report and Water Level Monitoring Report.

Please contact me at (610) 701-3776 if you have any questions regarding the enclosed.

Very truly yours,

WESTON SOLUTIONS, INC.

Thomas Cornuet, P.G.  
Project Manager

Enclosure

cc: L. Biagioni, B&D (w/o encl.)  
J. Freed, B&D (w/o encl.)  
T. Lynch, M&S (w/o encl.)  
L. Bove, Weston (w/o encl.)  
G. Flasiński, Weston (w/o encl.)





Weston Solutions, Inc.  
1400 Weston Way  
P.O. Box 2653  
West Chester, Pennsylvania 19380  
610-701-3000 • Fax 610-701-3186  
www.westonsolutions.com

30 July 2009

Mr. Charlie Zeleski  
Carroll County Health Department  
Bureau of Environmental Health  
P.O. Box 845  
290 S. Center St.  
Westminster, MD 21158

Re: Black & Decker Hampstead Facility

Dear Mr. Zeleski:

On behalf of our client, Black & Decker (U.S.) Inc. (Black & Decker), Weston Solutions, Inc. (Weston) provides enclosed with this letter a copy of the Annual Report for the period of July 2008 through June 2009

If you have any questions regarding the enclosure, please contact me at (610) 701-3776.

Very truly yours,

WESTON SOLUTIONS, INC.

Thomas Cornuet, P.G.  
Project Manager

Enclosure

cc: L. Biagioni, B& D (w/o encl.)  
J. Freed, B&D (w/o encl.)  
T. Lynch III, M&S (w/o encl.)  
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G. Flasiński, Weston (w/o encl.)

