

**ANNUAL REPORT**

Prepared for

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

**Hampstead, Maryland**

July 2010

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 2009 through June 2010.

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 2009 and January through June 2010, 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 2010 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 175 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 2009 through June 2010 are included in Appendix B.

### **2.3 GROUNDWATER QUALITY DATA**

For the reporting period of July 2009 through June 2010, approximately 76.6 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) (86.4%) and tetrachloroethene (PCE) (13.6%). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July 2009 through June 2010 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 2009 and the first and second quarters of

**Table 2-1**  
**Treatment System Pumping Records**  
**(July 2009 through June 2010)**

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

<b>Date</b>	<b>Water Pumped (gallons)</b>
July 2009	7,060,251
August 2009	6,837,783
September 2009	6,091,665
October 2009	6,043,401
November 2009	6,059,578
December 2009	6,196,514
January 2010	6,627,345
February 2010	6,213,673
March 2010	7,395,042
April 2010	7,282,140
May 2010	6,899,109
June 2010	7,427,757

**Table 2-2**  
**Groundwater Elevation Data (July 2009 through June 2010)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	7/16/2009		8/18/2009		9/25/2009		10/21/2009	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	74.11	775.10	76.47	772.74	75.81	773.40	72.41	776.80
EW-3	846.64	118	81.00	765.64	78.11	768.53	80.70	765.94	80.96	765.68
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	68.47	795.70	75.45	788.72	69.11	795.06	72.85	791.32
EW-6	831.98	115	103.43	728.55	102.85	729.13	102.87	729.11	102.50	729.48
EW-7	818.38	78	72.22	746.16	71.80	746.58	71.80	746.58	57.82	760.56
EW-8	811.13	98	93.34	717.79	91.75	719.38	93.41	717.72	91.79	719.34
EW-9	811.35	141	101.42	709.93	102.79	708.56	101.50	709.85	100.86	710.49
EW-10	807.74	NA	53.63	754.11	52.07	755.67	54.64	753.10	54.88	752.86
RFW-1A	864.37	78	50.70	813.67	50.81	813.56	50.74	813.63	51.03	813.34
RFW-1B	864.23	200	50.72	813.51	50.85	813.38	50.76	813.47	51.06	813.17
RFW-2A	857.41	35	14.26	843.15	16.58	840.83	16.02	841.39	15.84	841.57
RFW-2B	857.73	75	14.83	842.90	17.30	840.43	16.83	840.90	16.41	841.32
RFW-3B	839.21	153	35.88	803.33	35.43	803.78	35.52	803.69	36.16	803.05
RFW-4A	830.37	62	35.98	794.39	36.98	793.39	36.03	794.34	37.84	792.53
RFW-4B	830.37	120	36.06	794.31	37.02	793.35	36.21	794.16	37.91	792.46
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	4.22	780.82	4.33	780.71	4.19	780.85	3.67	781.37
RFW-7	805.14	29	7.90	797.24	7.17	797.97	7.67	797.47	6.99	798.15
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	26.62	835.40	26.40	835.62	26.57	835.45	26.79	835.23
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	66.26	783.36	66.20	783.42	66.82	782.80	65.96	783.66
RFW-12B	844.87	264	48.92	795.95	50.30	794.57	50.61	794.26	51.06	793.81
RFW-13	849.11	150	64.83	784.28	65.72	783.39	65.94	783.17	66.14	782.97
RFW-14B	812.39	281	53.42	758.97	47.41	764.98	47.39	765.00	48.06	764.33
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	27.56	807.10	26.87	807.79	27.41	807.25	27.48	807.18
RFW-20	842.29	142	35.89	806.40	34.98	807.31	34.77	807.52	35.11	807.18
RFW-21	832.65	102	23.06	809.59	22.65	810.00	22.61	810.04	22.81	809.84
PH-7	805.94	89	34.26	771.68	29.36	776.58	29.41	776.53	27.43	778.51
PH-9	814.94	98	57.41	757.53	55.40	759.54	56.00	758.94	56.19	758.75
PH-11	820.68	78	49.98	770.70	50.86	769.82	50.74	769.94	50.92	769.76
PH-12	828.35	87	52.80	775.55	53.51	774.84	53.21	775.14	53.29	775.06
B-3	803.02	83	9.86	793.16	10.41	792.61	9.74	793.28	9.81	793.21
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	26.41	778.55	19.78	785.18	6.11	798.85	29.86	775.10
Pembroke #1	NA	NA	11.40	NC	12.52	NC	11.84	NC	11.77	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	9.80	NC	11.34	NC	9.60	NC	9.90	NC
E. Century St.	NA	NA	19.49	NC	19.36	NC	19.20	NC	19.21	NC
Lwr. Beckleys. Rd.	NA	NA	54.32	NC	54.64	NC	54.81	NC	55.08	NC

**Table 2-2**  
**Groundwater Elevation Data (July 2009 through June 2010)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	11/4/2009		12/30/2009		1/15/2010		2/18/2010	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	73.21	776.00	74.26	774.95	66.58	782.63	88.17	761.04
EW-3	846.64	118	85.10	761.54	85.81	760.83	82.50	764.14	79.40	767.24
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	73.50	790.67	74.06	790.11	78.40	785.77	86.72	777.45
EW-6	831.98	115	102.81	729.17	103.00	728.98	102.87	729.11	102.90	729.08
EW-7	818.38	78	50.55	767.83	51.61	766.77	50.94	767.44	45.41	772.97
EW-8	811.13	98	91.75	719.38	92.05	719.08	91.72	719.41	92.05	719.08
EW-9	811.35	141	101.34	710.01	101.56	709.79	101.90	709.45	102.61	708.74
EW-10	807.74	NA	53.26	754.48	53.27	754.47	47.85	759.89	52.17	755.57
RFW-1A	864.37	78	50.61	813.76	51.11	813.26	50.90	813.47	47.16	817.21
RFW-1B	864.23	200	50.67	813.56	51.14	813.09	50.91	813.32	47.22	817.01
RFW-2A	857.41	35	13.86	843.55	15.67	841.74	14.41	843.00	12.36	845.05
RFW-2B	857.73	75	14.53	843.20	16.07	841.66	15.06	842.67	12.98	844.75
RFW-3B	839.21	153	36.26	802.95	37.02	802.19	33.94	805.27	NA	NC
RFW-4A	830.37	62	35.95	794.42	37.89	792.48	34.56	795.81	35.00	795.37
RFW-4B	830.37	120	35.82	794.55	38.06	792.31	35.03	795.34	34.92	795.45
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	3.23	781.81	4.41	780.63	3.18	781.86	3.24	781.80
RFW-7	805.14	29	5.24	799.90	7.40	797.74	6.94	798.20	NA	NC
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	25.82	836.20	26.69	835.33	24.22	837.80	24.36	837.66
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	65.79	783.83	66.10	783.52	65.71	783.91	64.83	784.79
RFW-12B	844.87	264	50.61	794.26	50.83	794.04	50.48	794.39	48.83	796.04
RFW-13	849.11	150	65.02	784.09	65.89	783.22	59.89	789.22	NA	NC
RFW-14B	812.39	281	49.71	762.68	47.86	764.53	46.94	765.45	46.81	765.58
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	856.14	DRY	NC
RFW-17	834.66	60.5	26.46	808.20	27.43	807.23	27.37	807.29	24.56	810.10
RFW-20	842.29	142	35.01	807.28	34.96	807.33	34.17	808.12	31.82	810.47
RFW-21	832.65	102	22.21	810.44	23.00	809.65	22.16	810.49	20.08	812.57
PH-7	805.94	89	27.50	778.44	27.61	778.33	26.02	779.92	25.91	780.03
PH-9	814.94	98	56.23	758.71	56.86	758.08	54.16	760.78	55.94	759.00
PH-11	820.68	78	50.94	769.74	50.88	769.80	45.06	775.62	NA	NC
PH-12	828.35	87	53.33	775.02	52.84	775.51	47.78	780.57	NA	NC
B-3	803.02	83	10.06	792.96	9.93	793.09	8.67	794.35	NA	NC
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	19.33	785.63	27.11	777.85	17.49	787.47	NA	NC
Pembroke #1	NA	NA	12.40	NC	12.53	NC	12.31	NC	NA	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	11.79	NC	10.89	NC	10.68	NC	NA	NC
E. Century St.	NA	NA	23.64	NC	19.96	NC	19.39	NC	NA	NC
Lwr. Beckleys. Rd.	NA	NA	54.87	NC	55.21	NC	55.08	NC	NA	NC

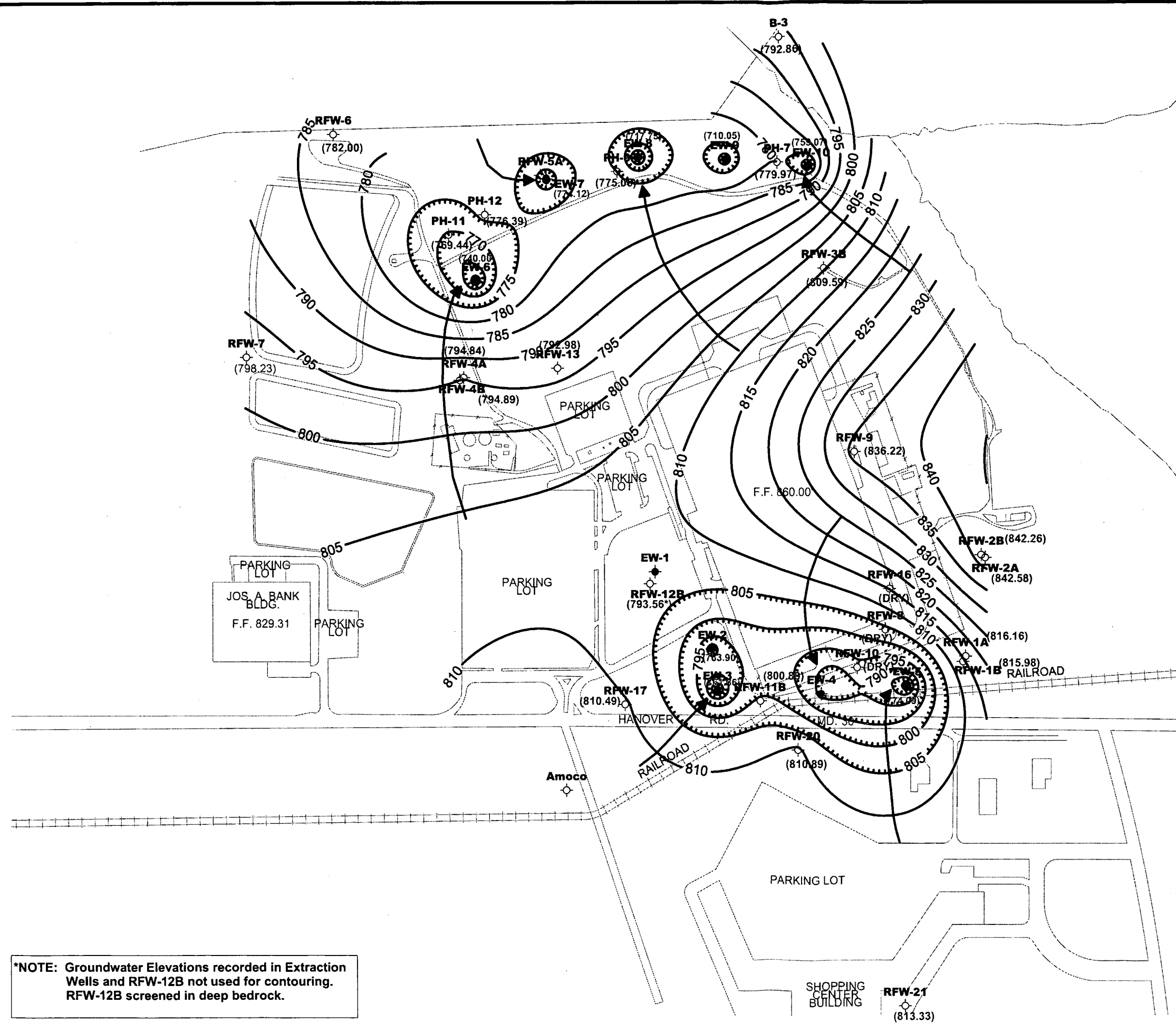
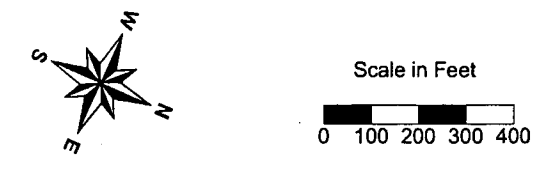


**Table 2-2**  
**Groundwater Elevation Data (July 2009 through June 2010)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	3/11/2010		4/3/2010		5/21/2010		6/29/2010	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	92.47	756.74	88.64	760.57	45.11*	849.21	85.31	763.90
EW-3	846.64	118	79.81	766.83	80.36	766.28	45.93*	846.64	84.78	761.86
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	858.01
EW-5	864.17	98	89.32	774.85	88.13	776.04	89.04	775.13	90.08	774.09
EW-6	831.98	115	99.28	732.70	101.80	730.18	87.36	744.62	91.98	740.00
EW-7	818.38	78	40.68	777.70	47.26	771.12	44.27	774.11	44.26	774.12
EW-8	811.13	98	89.31	721.82	92.81	718.32	91.73	719.40	93.40	717.73
EW-9	811.35	141	101.61	709.74	102.40	708.95	100.80	710.55	101.30	710.05
EW-10	807.74	NA	47.72	760.02	53.02	754.72	51.20	756.54	48.67	759.07
RFW-1A	864.37	78	47.40	816.97	47.61	816.76	47.30	817.07	48.21	816.16
RFW-1B	864.23	200	47.46	816.77	47.55	816.68	47.36	816.87	48.25	815.98
RFW-2A	857.41	35	11.96	845.45	12.40	845.01	13.27	844.14	14.83	842.58
RFW-2B	857.73	75	12.34	845.39	12.70	845.03	13.94	843.79	15.47	842.26
RFW-3B	839.21	153	33.29	805.92	33.17	806.04	28.90	810.31	29.62	809.59
RFW-4A	830.37	62	33.91	796.46	34.04	796.33	34.53	795.84	35.53	794.84
RFW-4B	830.37	120	33.80	796.57	33.94	796.43	34.50	795.87	35.48	794.89
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	2.86	782.18	4.11	780.93	2.34	782.70	3.04	782.00
RFW-7	805.14	29	6.40	798.74	7.68	797.46	5.09	800.05	6.91	798.23
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	23.78	838.24	23.81	838.21	24.70	837.32	25.80	836.22
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	66.84	782.78	66.39	783.23	49.16	800.46	48.73	800.89
RFW-12B	844.87	264	48.86	796.01	49.13	795.74	44.48	800.39	51.31	793.56
RFW-13	849.11	150	65.67	783.44	64.80	784.31	55.82	793.29	56.13	792.98
RFW-14B	812.39	281	47.53	764.86	47.31	765.08	46.89	765.50	54.88	757.51
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	24.61	810.05	24.19	810.47	23.59	811.07	24.17	810.49
RFW-20	842.29	142	31.62	810.67	32.30	809.99	30.26	812.03	31.60	810.69
RFW-21	832.65	102	19.83	812.82	20.11	812.54	18.93	813.72	19.32	813.33
PH-7	805.94	89	22.69	783.25	24.20	781.74	24.73	781.21	25.97	779.97
PH-9	814.94	98	54.47	760.47	55.17	759.77	52.20	762.74	39.88	775.06
PH-11	820.68	78	51.01	769.67	52.04	768.64	50.88	769.80	51.24	769.44
PH-12	828.35	87	52.78	775.57	53.30	775.05	51.14	777.21	51.96	776.39
B-3	803.02	83	9.63	793.39	10.13	792.89	9.98	793.04	10.16	792.86
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	20.46	784.50	13.26	791.70	NA	NC	23.27	781.69
Pembroke #1	NA	NA	11.31	NC	12.04	NC	NA	NC	14.95	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	9.85	NC	10.08	NC	NA	NC	10.28	NC
E. Century St.	NA	NA	19.08	NC	19.27	NC	NA	NC	19.47	NC
Lwr. Beckleys. Rd.	NA	NA	54.26	NC	55.63	NC	NA	NC	54.83	NC

**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



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

Former Black & Decker Facility  
 Hampstead, Maryland  
**GROUNDWATER ELEVATION CONTOUR MAP  
 UNDER PUMPING CONDITIONS**  
 (June 2010)

**Table 2-3**  
**Effluent Characteristics Summary (July 2009 through June 2010)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				July 2009	August 2009	September 2009	October 2009	November 2009	December 2009
001	FLOW average	MGD	NA	0.146	0.160	0.152	0.220	0.166	0.223
	FLOW maximum	MGD	NA	0.199	0.607	0.196	0.770	0.468	0.837
	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	349	< 5
	Oil & Grease monthly average	mg/l	10	< 5	< 5	< 5	< 5	349	< 5
	pH minimum	STD	6.0	6.20	6.40	6.30	6.20	6.30	6.10
	pH maximum	STD	8.5	8.10	7.50	7.00	6.90	6.80	6.30
	BOD	mg/l	15	3.0	7.0	9.0	2.0	0.0	0.0
TSS maximum	mg/l	30	7.0	9.0	12.0	0.0	0.0	0.0	
	TSS monthly average	mg/l	20	7.0	9.0	12.0	0.0	0.0	0.0
101 (Monitoring Point)	FLOW average	MGD	NA	0.285	0.238	0.239	0.199	0.206	0.259
	FLOW maximum	MGD	NA	0.375	0.326	0.286	0.261	0.298	0.314
	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	0.217	NR	NR	0.199
	FLOW maximum	MGD	NA	NR	NR	0.278	NR	NR	0.245
	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 2009 through June 2010)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				January 2010	February 2010	March 2010	April 2010	May 2010	June 2010	
001	FLOW	average	MGD	NA	0.191	0.232	0.279	0.143	0.139	0.174
		maximum	MGD	NA	0.846	0.389	0.655	0.490	0.445	0.271
	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	< 5	13.0	7.0	< 5	< 5
		monthly average	mg/l	10	< 5	< 5	7.0	4.0	< 5	< 5
	pH	minimum	STD	6.0	6.00	6.20	6.30	6.3	6.2	6.60
		maximum	STD	8.5	6.20	7.20	6.60	7.1	7.2	8.30
BOD		mg/l	15	0.0	0.0	0.0	0.0	0.0	4.0	
TSS	maximum	mg/l	30	0.0	0.0	0.0	4.0	5.0	6.0	
	monthly average	mg/l	20	0.0	0.0	0.0	4.0	5.0	6.0	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.297	0.283	0.280	0.333	0.365	0.243
		maximum	MGD	NA	0.377	0.431	0.362	0.437	0.450	0.362
	Fecal Coliform	MPN/100ml	200	1.0	1.0	1.0	2.0	11.0	1.0	
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.225	NR	NR	0.235
		maximum	MGD	NA	NR	NR	0.299	NR	NR	0.308
	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

2010 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 2010 (May 2010) 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 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	0.5 J	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	3.5	2.4	1 U	1 U	1 U	5.9	19	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	400	120	950	170	11	4.7	8.6	1.1	1	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	61	3	16	6.9	16	8.6	53	110	98	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.

NS = Not Sampled