

**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

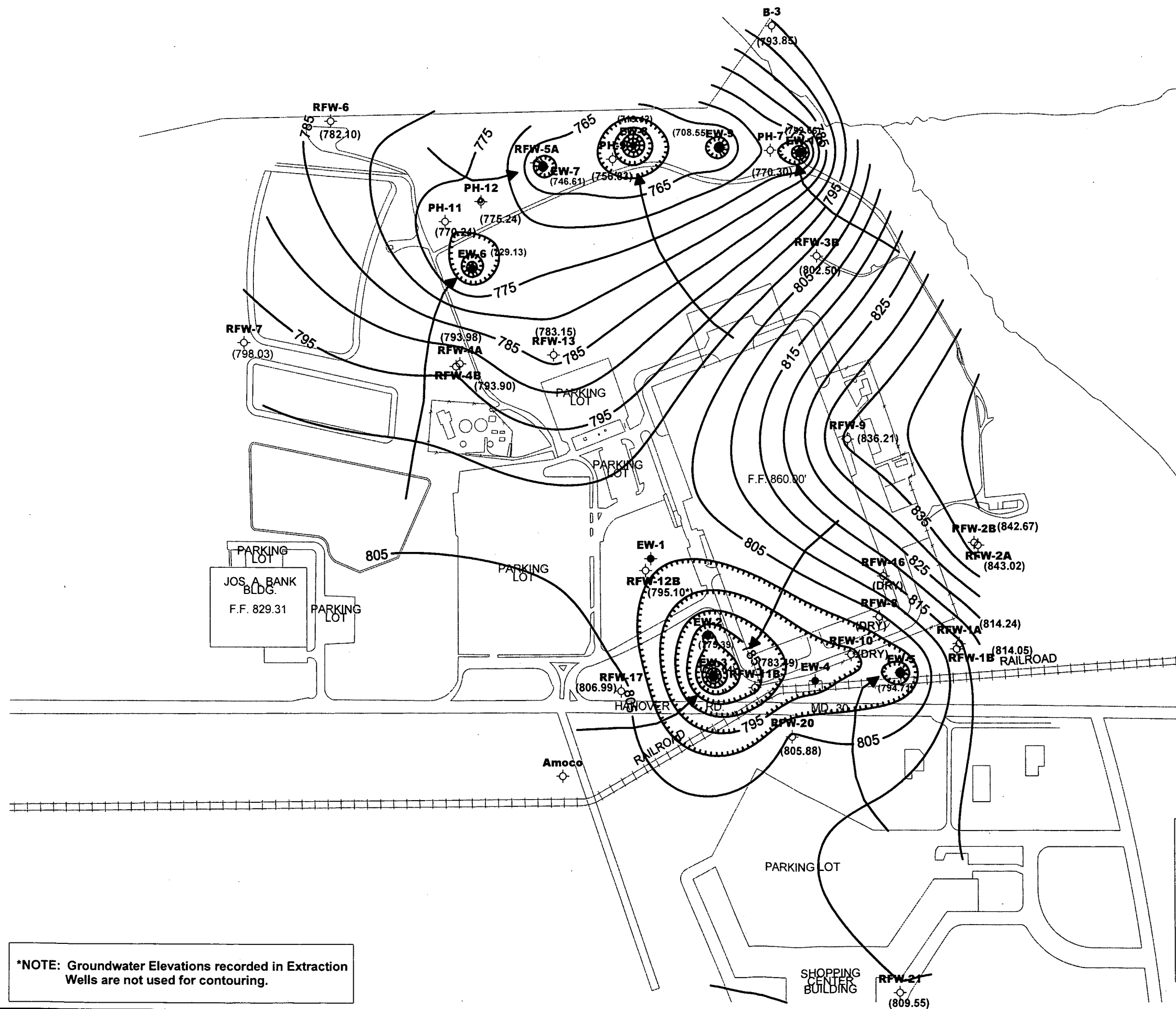


**Table 2-2**  
**Groundwater Elevation Data (July 2008 through June 2009)**  
**Black & Decker**  
**Hampstead, Maryland**

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	
	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	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.