

ANNUAL REPORT

Prepared for

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

Hampstead, Maryland

July 2011

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 2010 through June 2011.

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 2010 and January through June 2011, 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 2011 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 170 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 2010 through June 2011 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July 2010 through June 2011, approximately 59.9 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) (85.5%) and tetrachloroethene (PCE) (14.5%). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July 2010 through June 2011 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 2010 and the first and second quarters of

Table 2-1
Treatment System Pumping Records
(July 2010 through June 2011)

Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
July 2010	7,505,570
August 2010	7,175,989
September 2010	6,655,915
October 2010	6,597,998
November 2010	6,297,390
December 2010	6,990,442
January 2011	6,742,185
February 2011	5,999,366
March 2011	6,650,638
April 2011	6,584,406
May 2011	7,089,088
June 2011	6,712,239

Table 2-2
Groundwater Elevation Data (July 2010 through June 2011)
Black & Decker
Hampstead, Maryland

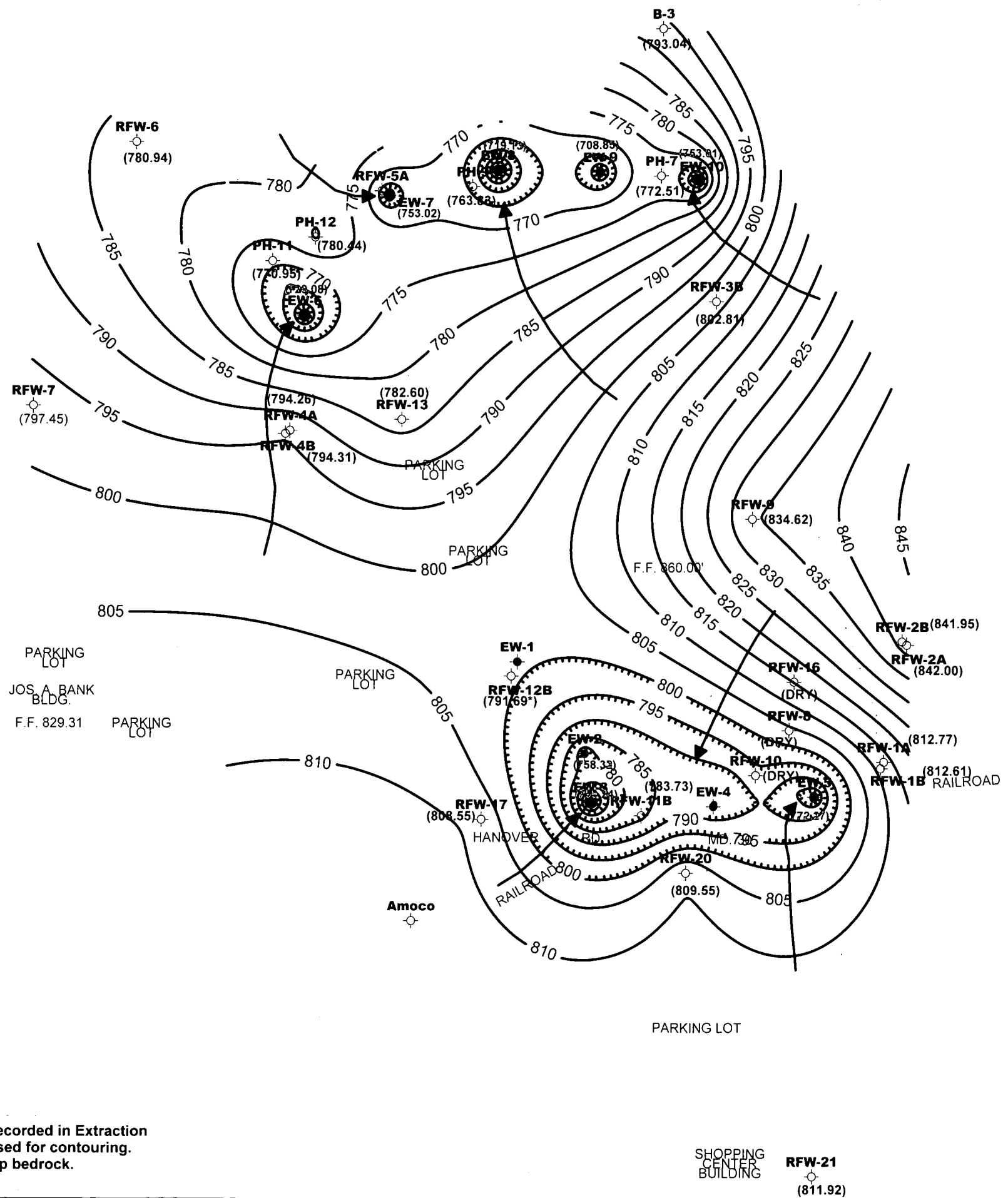
WELL NO.	TOC ELEV	TOTAL DEPTH	7/15/2010		8/18/2010		9/7/2010		10/14/2010	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NC	DRY	NC	DRY	NC	DRY	NC
EW-2	849.21	110	86.11	763.10	93.61	755.60	94.10	755.11	92.81	756.40
EW-3	846.64	118	83.87	762.77	86.71	759.93	88.40	758.24	85.80	760.84
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	90.14	774.03	91.17	773.00	91.25	772.92	91.33	772.84
EW-6	831.98	115	92.60	739.38	98.67	733.31	99.26	732.72	98.71	733.27
EW-7	818.38	78	46.03	772.35	45.28	773.10	52.60	765.78	53.30	765.08
EW-8	811.13	98	93.31	717.82	92.84	718.29	92.51	718.62	91.80	719.33
EW-9	811.35	141	102.00	709.35	102.00	709.35	103.00	708.35	102.00	709.35
EW-10	807.74	NA	49.73	758.01	52.69	755.05	54.60	753.14	56.43	751.31
RFW-1A	864.37	78	49.01	815.36	51.37	813.00	51.63	812.74	51.82	812.55
RFW-1B	864.23	200	49.06	815.17	51.39	812.84	51.67	812.56	51.85	812.38
RFW-2A	857.41	35	15.11	842.30	17.02	840.39	16.83	840.58	17.93	839.48
RFW-2B	857.73	75	15.52	842.21	17.61	840.12	17.17	840.56	18.57	839.16
RFW-3B	839.21	153	29.71	809.50	34.93	804.28	34.86	804.35	35.41	803.80
RFW-4A	830.37	62	35.54	794.83	36.51	793.86	36.43	793.94	37.79	792.58
RFW-4B	830.37	120	35.43	794.94	36.48	793.89	36.39	793.98	37.74	792.63
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	5.01	780.03	3.11	781.93	2.61	782.43	4.10	780.94
RFW-7	805.14	29	7.92	797.22	6.32	798.82	7.42	797.72	7.63	797.51
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	26.13	835.89	26.47	835.55	26.47	835.55	28.32	833.70
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	62.12	787.50	63.41	786.21	63.89	785.73	64.77	784.85
RFW-12B	844.87	264	50.93	793.94	49.95	794.92	50.11	794.76	53.46	791.41
RFW-13	849.11	150	58.61	790.50	58.11	791.00	59.61	789.50	60.04	789.07
RFW-14B	812.39	281	53.21	759.18	54.02	758.37	54.26	758.13	55.71	756.68
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	23.89	810.77	25.81	808.85	26.41	808.25	27.22	807.44
RFW-20	842.29	142	31.41	810.88	33.48	808.81	34.10	808.19	34.51	807.78
RFW-21	832.65	102	19.29	813.36	21.05	811.60	21.34	811.31	21.42	811.23
PH-7	805.94	89	25.41	780.53	29.90	776.04	29.01	776.93	29.31	776.63
PH-9	814.94	98	39.80	775.14	41.62	773.32	38.67	776.27	39.73	775.21
PH-11	820.68	78	51.47	769.21	51.88	768.80	51.28	769.40	52.14	768.54
PH-12	828.35	87	51.81	776.54	53.97	774.38	53.79	774.56	53.96	774.39
B-3	803.02	83	10.02	793.00	10.55	792.47	9.91	793.11	9.98	793.04
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	3.89	801.07	3.43	801.53	4.76	800.20	4.16	800.80
Pembroke #1	NA	NA	11.83	NC	12.33	NC	12.21	NC	10.94	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	10.53	NC	10.89	NC	9.83	NC	9.78	NC
E. Century St.	NA	NA	19.08	NC	19.58	NC	19.74	NC	19.31	NC
Lwr. Beckleys. Rd.	NA	NA	55.87	NC	55.69	NC	54.73	NC	56.14	NC

Table 2-2
Groundwater Elevation Data (July 2010 through June 2011)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	11/2/2010		12/17/2010		1/18/2011		2/25/2011	
			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	56.22*	94.10	91.36	757.85	92.06	757.15	91.94	757.27
EW-3	846.64	118	89.41	757.23	82.61	764.03	83.11	763.53	85.80	760.84
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	92.01	772.16	92.10	772.07	91.26	772.91	86.72	777.45
EW-6	831.98	115	102.93	729.05	100.32	731.66	103.10	728.88	102.80	729.18
EW-7	818.38	78	48.69	769.69	52.58	765.80	58.63	759.75	63.12	755.26
EW-8	811.13	98	91.60	719.53	91.82	719.31	91.43	719.70	91.72	719.41
EW-9	811.35	141	102.00	709.35	102.50	708.85	102.00	709.35	103.00	708.35
EW-10	807.74	NA	56.29	751.45	54.48	753.26	54.36	753.38	53.35	754.39
RFW-1A	864.37	78	53.75	810.62	53.26	811.11	53.67	810.70	54.48	809.89
RFW-1B	864.23	200	53.80	810.43	53.30	810.93	53.69	810.54	54.52	809.71
RFW-2A	857.41	35	18.29	839.12	17.84	839.57	17.81	839.60	17.29	840.12
RFW-2B	857.73	75	18.92	838.81	18.11	839.62	18.12	839.61	17.95	839.78
RFW-3B	839.21	153	32.53	806.68	34.99	804.22	36.49	802.72	38.65	800.56
RFW-4A	830.37	62	38.16	792.21	38.58	791.79	38.79	791.58	38.66	791.71
RFW-4B	830.37	120	38.08	792.29	38.51	791.86	38.73	791.64	38.55	791.82
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	1.55	783.49	4.25	780.79	3.78	781.26	4.22	780.82
RFW-7	805.14	29	6.95	798.19	7.04	798.10	7.41	797.73	5.92	799.22
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	28.47	833.55	27.94	834.08	28.13	833.89	27.56	834.46
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	64.78	784.84	65.46	784.16	65.66	783.96	65.88	783.74
RFW-12B	844.87	264	56.29	788.58	54.59	790.28	53.54	791.33	53.88	790.99
RFW-13	849.11	150	61.58	787.53	58.01	791.10	59.73	789.38	65.62	783.49
RFW-14B	812.39	281	55.78	756.61	54.17	758.22	54.65	757.74	58.14	754.25
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	27.51	807.15	25.77	808.89	26.17	808.49	27.54	807.12
RFW-20	842.29	142	35.50	806.79	35.34	806.95	35.53	806.76	36.31	805.98
RFW-21	832.65	102	22.26	810.39	22.20	810.45	22.11	810.54	22.65	810.00
PH-7	805.94	89	34.22	771.72	35.15	770.79	35.61	770.33	33.68	772.26
PH-9	814.94	98	35.51	779.43	44.40	770.54	45.08	769.86	51.91	763.03
PH-11	820.68	78	45.41	775.27	47.94	772.74	47.83	772.85	49.63	771.05
PH-12	828.35	87	46.80	781.55	48.78	779.57	48.52	779.83	50.24	778.11
B-3	803.02	83	10.09	792.93	9.83	793.19	10.43	792.59	9.96	793.06
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	3.87	801.09	5.02	799.94	3.31	801.65	4.71	800.25
Pembroke #1	NA	NA	11.04	NC	11.33	NC	11.41	NC	11.52	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	10.48	NC	10.41	NC	10.36	NC	10.70	NC
E. Century St.	NA	NA	19.27	NC	19.36	NC	19.21	NC	19.41	NC
Lwr. Beckleys. Rd.	NA	NA	56.11	NC	55.09	NC	56.11	NC	56.48	NC

Table 2-2
Groundwater Elevation Data (July 2010 through June 2011)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	3/29/2011		4/19/2011		5/24/2011		6/25/2011	
			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	92.04	757.17	91.95	757.26	91.94	757.27	90.89	758.32
EW-3	846.64	118	86.00	760.64	86.22	760.42	87.17	759.47	87.40	759.24
EW-4	858.01	97.5	PC	NC	PC	NC	PC	NC	PC	NC
EW-5	864.17	98	91.84	772.33	91.94	772.23	90.11	774.06	91.90	772.27
EW-6	831.98	115	102.90	729.08	102.80	729.18	103.00	728.98	102.90	729.08
EW-7	818.38	78	63.90	754.48	64.11	754.27	70.47	747.91	65.36	753.02
EW-8	811.13	98	91.60	719.53	91.50	719.63	91.50	719.63	92.00	719.13
EW-9	811.35	141	103.00	708.35	103.00	708.35	103.50	707.85	102.50	708.85
EW-10	807.74	NA	54.74	753.00	49.67	758.07	45.38	762.36	54.73	753.01
RFW-1A	864.37	78	54.63	809.74	54.61	809.76	50.73	813.64	51.60	812.77
RFW-1B	864.23	200	54.65	809.58	54.64	809.59	50.78	813.45	51.62	812.61
RFW-2A	857.41	35	17.36	840.05	16.41	841.00	13.02	844.39	15.41	842.00
RFW-2B	857.73	75	18.11	839.62	16.99	840.74	13.68	844.05	15.78	841.95
RFW-3B	839.21	153	35.22	803.99	38.71	800.50	37.61	801.60	36.40	802.81
RFW-4A	830.37	62	38.49	791.88	35.44	794.93	35.87	794.50	36.11	794.26
RFW-4B	830.37	120	38.43	791.94	35.37	795.00	35.85	794.52	36.06	794.31
RFW-5A	817.50	30	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-6	785.04	120	3.94	781.10	3.64	781.40	3.67	781.37	4.10	780.94
RFW-7	805.14	29	6.98	798.16	7.14	798.00	5.58	799.56	7.69	797.45
RFW-8	860.07	53	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-9	862.02	49	27.83	834.19	28.41	833.61	25.16	836.86	27.40	834.62
RFW-10	852.06	58	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-11A	849.32	72	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
RFW-11B	849.62	116	64.93	784.69	66.13	783.49	64.18	785.44	65.89	783.73
RFW-12B	844.87	264	54.51	790.36	54.20	790.67	52.53	792.34	53.18	791.69
RFW-13	849.11	150	57.83	791.28	65.39	783.72	65.40	783.71	66.51	782.60
RFW-14B	812.39	281	54.13	758.26	57.94	754.45	58.60	753.79	58.94	753.45
RFW-16	856.14	41	DRY	NC	DRY	NC	DRY	NC	DRY	NC
RFW-17	834.66	60.5	26.01	808.65	27.48	807.18	25.48	809.18	26.11	808.55
RFW-20	842.29	142	35.44	806.85	36.32	805.97	32.89	809.40	32.74	809.55
RFW-21	832.65	102	22.42	810.23	23.10	809.55	20.57	812.08	20.73	811.92
PH-7	805.94	89	34.89	771.05	34.06	771.88	32.68	773.26	33.43	772.51
PH-9	814.94	98	44.38	770.56	51.73	763.21	50.84	764.10	51.11	763.83
PH-11	820.68	78	48.06	772.62	49.77	770.91	49.60	771.08	49.73	770.95
PH-12	828.35	87	48.81	779.54	50.33	778.02	49.98	778.37	47.91	780.44
B-3	803.02	83	10.09	792.93	9.43	793.59	10.13	792.89	9.98	793.04
Amoco	842.29	NA	NA	NC	NA	NC	NA	NC	NA	NC
Hamp. Town #22	804.96	NA	4.70	800.26	0.94	804.02	1.42	NC	1.92	803.04
Pembroke #1	NA	NA	11.20	NC	11.63	NC	11.19	NC	12.11	NC
Pembroke #2	NA	NA	Damaged	NC	Damaged	NC	Damaged	NC	Damaged	NC
N. Houcks. Rd.	NA	NA	10.53	NC	10.78	NC	10.99	NC	11.14	NC
E. Century St.	NA	NA	19.20	NC	19.21	NC	19.42	NC	19.19	NC
Lwr. Beckleys. Rd.	NA	NA	54.83	NC	55.80	NC	56.49	NC	56.43	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

Scale in Feet
0 100 200 300 400

*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 2011)

Table 2-3
Effluent Characteristics Summary (July 2010 through June 2011)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				July 2010	August 2010	September 2010	October 2010	November 2010	December 2010	
001	FLOW	average	MGD	NA	0.129	0.142	0.102	0.119	0.159	0.115
		maximum	MGD	NA	0.236	0.338	0.130	0.350	0.529	0.159
	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	<5	<5	9.0	6.0
		monthly average	mg/l	10	<5	<5	<5	<5	9.0	6.0
	pH	minimum	STD	6.0	6.6	6.5	6.5	6.4	6.2	6.1
		maximum	STD	8.5	8.4	7.6	6.9	7.9	6.7	6.7
BOD	mg/l	15	3.0	3.0	3.0	8.0	3.0	<1	<1	
TSS	maximum	mg/l	30	0.0	5.0	7.0	8.0	<1	<1	
	monthly average	mg/l	20	0.0	5.0	7.0	8.0	<1	<1	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.217	0.203	0.208	0.242	0.241	0.293
		maximum	MGD	NA	0.327	0.248	0.288	0.322	0.325	0.416
	Fecal Coliform	MPN/100ml	200	1.0	1.0	1.0	<1.8	<1.8	33.0	
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.232	NR	NR	0.216
		maximum	MGD	NA	NR	NR	0.287	NR	NR	0.299
	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 2010 through June 2011)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter	Units	Permit Limits	DMR DATE							
				January 2011	February 2011	March 2011	April 2011	May 2011	June 2011		
001	FLOW	average	MGD	NA	0.119	0.184	0.190	0.225	0.219	0.095	
		maximum	MGD	NA	0.226	0.669	1.273	0.804	0.328	0.136	
	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	<5	<5	<5	<5	<5
		monthly average	mg/l	10	<5	<5	<5	<5	<5	<5	<5
	pH	minimum	STD	6.0	6.10	6.10	6.20	6.2	6.3	6.3	6.3
		maximum	STD	8.5	7.10	6.70	6.90	7.0	7.3	6.7	6.7
BOD		mg/l	15	0.0	6.0	4.0	0.0	3.0	0.0	0.0	
TSS	maximum	mg/l	30	0.0	5.0	6.0	0.0	4.0	4.0	4.0	
	monthly average	mg/l	20	0.0	5.0	6.0	0.0	4.0	4.0	4.0	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.330	0.284	0.178	0.194	0.164	0.188	
		maximum	MGD	NA	0.401	0.353	0.338	0.284	0.223	0.235	
	Fecal Coliform	MPN/100ml	200	13.0	1.0	1.0	1.0	1.0	1.0	49.0	
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.216	NR	NR	0.224	
		maximum	MGD	NA	NR	NR	0.273	NR	NR	0.279	
	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

2011 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 2011 (May 2011) 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 2010
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	3.4	2.2	1 U	1 U	1 U	2.2	20	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	380	76	920	130	7.4	2	8	1 U	1 U	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	50	2.5	19	4.2	15	4.8	52	84	83	1.6
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 2010
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	1.2	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	1.3	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	2.6	0.9 J	0.9 J	2	NS	1 U	1 U	NS	16	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	0.8 J	0.8 J	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	37	36	17	NS	1.2	4.4	NS	14	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	29	29	29	NS	1.7	1 U	NS	6.5	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Notes: DUP = Duplicate sample
 NS = Not sampled

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