

ANNUAL REPORT

Prepared for

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

July 2007

Prepared by

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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 2006 through June 2007.

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 2006 and January through June 2007, 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 2007 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 160 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 2006 through June 2007 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July 2006 through June 2007, approximately 98 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) (67 %) and tetrachloroethene (PCE) (33 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July 2006 through June 2007 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 2006 and the first and second quarters of

Table 2-1
Treatment System Pumping Records
(July 2006 through June 2007)

Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
July 2006	6,719,488
August 2006	6,287,027
September 2006	6,261,273
October 2006	6,331,362
November 2006	6,299,879
December 2006	6,160,966
January 2007	6,483,875
February 2007	6,216,560
March 2007	6,855,271
April 2007	6,696,430
May 2007	6,500,140
June 2007	6,759,810

Table 2-2
Groundwater Elevation Data (July 2006 through June 2007)
Black & Decker
Hampstead, Maryland

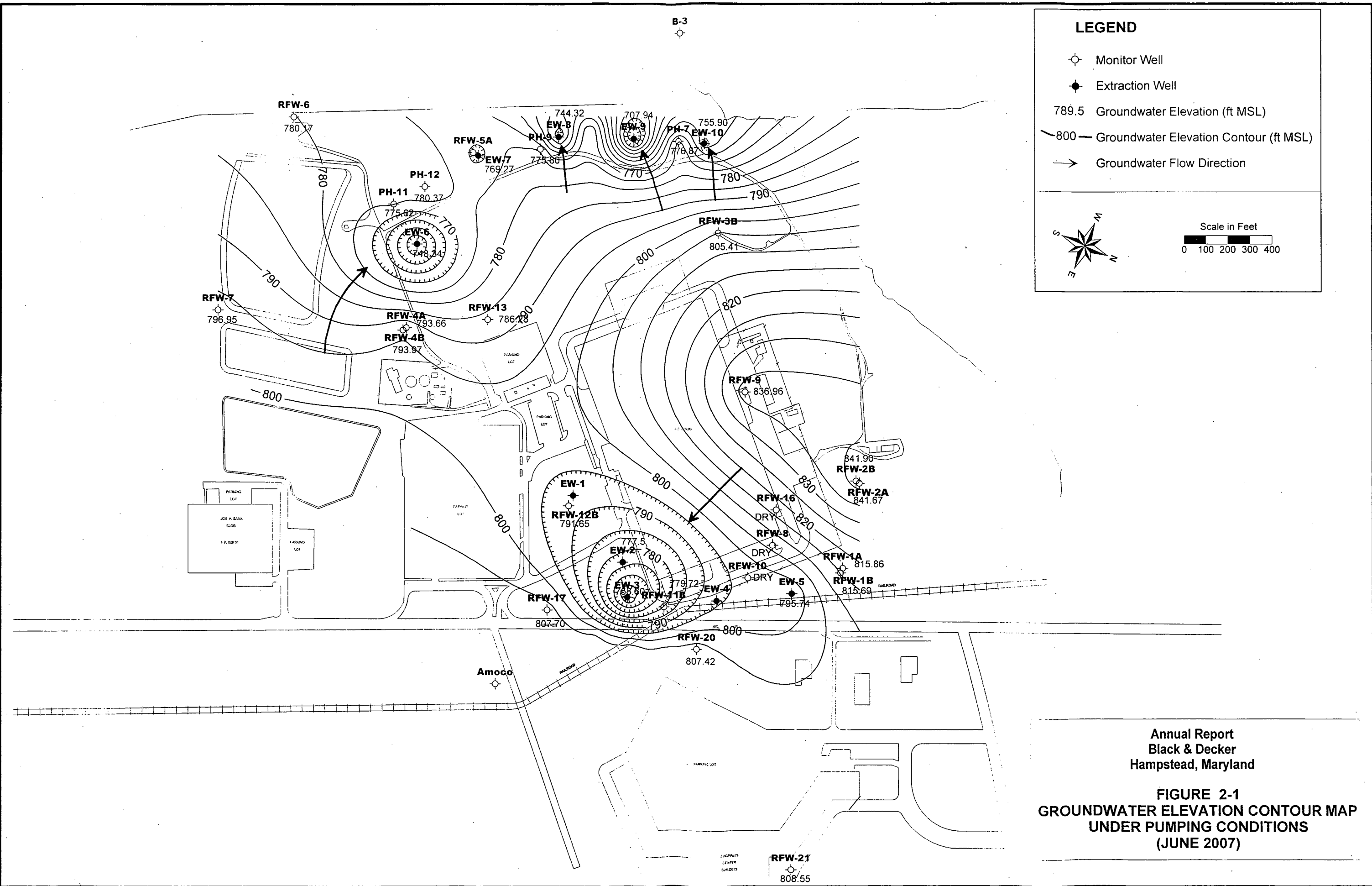
WELL NO.	TOC ELEV	TOTAL DEPTH	7/19/2006		8/16/2006		9/22/2006		10/18/2006	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	86.36	762.85	93.68	755.53	92.88	756.33	94.12	755.09
EW-3	846.64	118	101.60	745.04	100.30	746.34	81.11	765.53	88.91	757.73
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	76.31	787.86	70.65	793.52	68.88	795.29	71.13	793.04
EW-6	831.98	115	83.20	748.78	101.25	730.73	100.42	731.56	98.90	733.08
EW-7	818.38	78	44.71	773.67	44.37	774.01	44.91	773.47	48.46	769.92
EW-8	811.13	98	49.92	761.21	43.73	767.40	45.60	765.53	47.11	764.02
EW-9	811.35	141	102.00	709.35	98.80	712.55	100.99	710.36	102.00	709.35
EW-10	807.74	NA	42.60	765.14	50.27	757.47	51.47	756.27	58.74	749.00
RFW-1A	864.37	78	50.17	814.20	49.90	814.47	50.61	813.76	51.33	813.04
RFW-1B	864.23	200	50.24	813.99	49.92	814.31	50.64	813.59	51.35	812.88
RFW-2A	857.41	35	15.03	842.38	17.22	840.19	15.83	841.58	15.67	841.74
RFW-2B	857.73	75	15.26	842.47	17.83	839.90	16.40	841.33	16.28	841.45
RFW-3B	839.21	153	31.79	807.42	33.05	806.16	33.63	805.58	34.17	805.04
RFW-4A	830.37	62	38.28	792.09	38.74	791.63	37.64	792.73	40.83	789.54
RFW-4B	830.37	120	38.46	791.91	38.67	791.70	37.57	792.80	40.76	789.61
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	3.61	781.43	4.94	780.10	4.88	780.16	3.61	781.43
RFW-7	805.14	29	7.86	797.28	7.83	797.31	8.19	796.95	7.43	797.71
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	27.11	834.91	27.71	834.31	26.84	835.18	29.46	832.56
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	71.04	778.58	69.71	779.91	70.05	779.57	71.40	778.22
RFW-12B	844.87	264	52.61	792.26	51.88	792.99	52.17	792.70	54.65	790.22
RFW-13	849.11	150	62.73	786.38	62.39	786.72	62.61	786.50	63.60	785.51
RFW-14B	812.39	281	49.11	763.28	48.78	763.61	47.82	764.57	48.27	764.12
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	27.57	807.09	29.08	805.58	29.41	805.25	30.17	804.49
RFW-20	842.29	142	35.06	807.23	35.75	806.54	36.34	805.95	37.08	805.21
RFW-21	832.65	102	21.70	810.95	23.02	809.63	22.73	809.92	22.94	809.71
PH-7	805.94	89	31.28	774.66	28.20	777.74	28.11	777.83	32.16	773.78
PH-9	814.94	98	32.84	782.10	38.22	776.72	38.13	776.81	40.58	774.36
PH-11	820.68	78	42.51	778.17	44.27	776.41	44.90	775.78	45.43	775.25
PH-12	828.35	87	42.70	785.65	47.81	780.54	47.47	780.88	48.87	779.48
B-3	803.02	83	NA	NA	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	29.13	775.83	31.26	773.70	26.43	778.53	29.56	775.40
Pembroke #1	NA	NA	12.14	NA	11.88	NA	12.61	NA	NA	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.47	NA	9.56	NA	9.06	NA	8.49	NA
E. Century St.	NA	NA	23.41	NA	20.89	NA	21.11	NA	12.99	NA
Lwr. Beckleys. Rd.	NA	NA	55.61	NA	56.22	NA	55.89	NA	56.41	NA

Table 2-2
Groundwater Elevation Data (July 2006 through June 2007)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	11/20/2006		12/15/2006		1/18/2007		2/20/2007	
			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	93.06	756.15	74.71	774.50	76.12	773.09	67.92	781.29
EW-3	846.64	118	87.47	759.17	88.04	758.60	84.47	762.17	81.29	765.35
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	70.57	793.60	96.00	768.17	68.18	795.99	69.48	794.69
EW-6	831.98	115	95.95	736.03	97.11	734.87	103.16	728.82	95.29	736.69
EW-7	818.38	78	46.80	771.58	55.29	763.09	45.11	773.27	49.49	768.89
EW-8	811.13	98	91.70	719.43	68.08	743.05	64.36	746.77	71.69	739.44
EW-9	811.35	141	101.50	709.85	98.96	712.39	99.41	711.94	91.28	720.07
EW-10	807.74	NA	55.22	752.52	61.22	746.52	59.73	748.01	54.21	753.53
RFW-1A	864.37	78	51.11	813.26	50.96	813.41	50.47	813.90	48.60	815.77
RFW-1B	864.23	200	51.15	813.08	51.00	813.23	50.49	813.74	48.64	815.59
RFW-2A	857.41	35	15.82	841.59	14.91	842.50	15.17	842.24	14.57	842.84
RFW-2B	857.73	75	16.62	841.11	15.43	842.30	15.59	842.14	15.32	842.41
RFW-3B	839.21	153	35.62	803.59	36.41	802.80	35.83	803.38	33.90	805.31
RFW-4A	830.37	62	38.87	791.50	39.94	790.43	37.98	792.39	37.94	792.43
RFW-4B	830.37	120	38.69	791.68	39.88	790.49	38.74	791.63	37.80	792.57
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	3.86	781.18	2.94	782.10	3.96	781.08	4.55	780.49
RFW-7	805.14	29	6.35	798.79	7.87	797.27	8.09	797.05	6.08	799.06
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	27.00	835.02	30.27	831.75	25.61	836.41	26.11	835.91
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	69.48	780.14	73.14	776.48	72.81	776.81	66.84	782.78
RFW-12B	844.87	264	52.37	792.50	62.06	782.81	61.92	782.95	50.88	793.99
RFW-13	849.11	150	64.08	785.03	63.81	785.30	61.57	787.54	64.23	784.88
RFW-14B	812.39	281	50.10	762.29	52.62	759.77	50.60	761.79	51.79	760.60
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	28.61	806.05	30.43	804.23	30.08	804.58	27.31	807.35
RFW-20	842.29	142	36.65	805.64	37.61	804.68	37.55	804.74	35.02	807.27
RFW-21	832.65	102	23.33	809.32	23.67	808.98	23.49	809.16	22.74	809.91
PH-7	805.94	89	33.77	772.17	34.03	771.91	32.66	773.28	31.62	774.32
PH-9	814.94	98	40.51	774.43	40.63	774.31	40.30	774.64	38.89	776.05
PH-11	820.68	78	42.96	777.72	46.81	773.87	44.73	775.95	45.11	775.57
PH-12	828.35	87	47.89	780.46	49.03	779.32	46.36	781.99	48.71	779.64
B-3	803.02	83	NA	NA	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	27.11	777.85	27.43	777.53	31.12	773.84	26.53	778.43
Pembroke #1	NA	NA	11.93	NA	12.13	NA	NA	NA	NA	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.17	NA	10.08	NA	9.08	NA	8.98	NA
E. Century St.	NA	NA	22.61	NA	28.11	NA	14.95	NA	19.56	NA
Lwr. Beckleys. Rd.	NA	NA	55.86	NA	55.06	NA	55.89	NA	53.86	NA

Table 2-2
Groundwater Elevation Data (July 2006 through June 2007)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	3/10/2007		4/19/07		5/3/07		6/29/07	
			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	69.01	780.20	69.81	779.40	68.45	780.76	71.71	777.50
EW-3	846.64	118	87.43	759.21	88.11	758.53	87.89	758.75	88.04	758.60
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	69.38	794.79	68.08	796.09	67.61	796.56	68.43	795.74
EW-6	831.98	115	92.41	739.57	83.11	748.87	81.84	750.14	83.64	748.34
EW-7	818.38	78	56.31	762.07	45.16	773.22	45.63	772.75	49.11	769.27
EW-8	811.13	98	77.80	733.33	68.44	742.69	66.08	745.05	66.81	744.32
EW-9	811.35	141	103.50	707.85	105.78	705.57	103.27	708.08	103.41	707.94
EW-10	807.74	NA	53.58	754.16	51.25	756.49	50.17	757.57	51.84	755.90
RFW-1A	864.37	78	51.11	813.26	50.87	813.50	46.72	817.65	48.51	815.86
RFW-1B	864.23	200	51.15	813.08	50.89	813.34	46.81	817.42	48.54	815.69
RFW-2A	857.41	35	15.71	841.70	15.32	842.09	11.72	845.69	15.74	841.67
RFW-2B	857.73	75	16.15	841.58	15.57	842.16	12.12	845.61	15.83	841.90
RFW-3B	839.21	153	34.61	804.60	34.71	804.50	29.03	810.18	33.80	805.41
RFW-4A	830.37	62	37.14	793.23	37.00	793.37	35.03	795.34	36.71	793.66
RFW-4B	830.37	120	37.02	793.35	36.86	793.51	34.92	795.45	36.40	793.97
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	2.94	782.10	3.02	782.02	3.02	782.02	4.87	780.17
RFW-7	805.14	29	7.12	798.02	7.40	797.74	4.92	800.22	8.19	796.95
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	25.57	836.45	24.64	837.38	24.24	837.78	25.06	836.96
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	68.37	781.25	68.49	781.13	67.26	782.36	69.90	779.72
RFW-12B	844.87	264	51.34	793.53	52.46	792.41	48.92	795.95	53.22	791.65
RFW-13	849.11	150	64.81	784.30	63.88	785.23	62.28	786.83	62.83	786.28
RFW-14B	812.39	281	53.21	759.18	53.61	758.78	52.17	760.22	54.28	758.11
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	27.88	806.78	27.60	807.06	25.89	808.77	26.96	807.70
RFW-20	842.29	142	35.41	806.88	35.62	806.67	33.87	808.42	34.87	807.42
RFW-21	832.65	102	23.21	809.44	23.27	809.38	21.32	811.33	24.10	808.55
PH-7	805.94	89	31.62	774.32	30.61	775.33	27.43	778.51	29.07	776.87
PH-9	814.94	98	38.77	776.17	39.02	775.92	38.33	776.61	39.14	775.80
PH-11	820.68	78	45.26	775.42	44.04	776.64	45.21	775.47	45.06	775.62
PH-12	828.35	87	48.17	780.18	47.60	780.75	47.94	780.41	47.98	780.37
B-3	803.02	83	NA	NA	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	28.79	776.17	43.00	761.96	29.63	775.33	33.56	771.40
Pembroke #1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.13	NA	9.71	NA	NA	NA	9.89	NA
E. Century St.	NA	NA	20.25	NA	19.29	NA	NA	NA	27.56	NA
Lwr. Beckleys. Rd.	NA	NA	56.17	NA	56.04	NA	NA	NA	54.89	NA



Annual Report
 Black & Decker
 Hampstead, Maryland

FIGURE 2-1
GROUNDWATER ELEVATION CONTOUR MAP
UNDER PUMPING CONDITIONS
(JUNE 2007)

Table 2-3
Effluent Characteristics Summary (July 2006 through June 2007)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				July 2006	August 2006	September 2006	October 2006	November 2006	December 2006
001	FLOW average	MGD	NA	0.161	0.065	0.271	0.182	0.251	0.219
	maximum	MGD	NA	0.234	0.095	0.901	0.657	0.988	0.630
	1,1,1-Trichloroethane	ug/l	5	<5	<5	<5	<5	<5	<5
	Tetrachloroethylene	ug/l	5	<5	<5	<5	<5	<5	<5
	Trichloroethylene	ug/l	5	<5	<5	<5	<5	<5	<5
	Total Residual Chlorine	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Oil & Grease maximum	mg/l	15	<5	<5	<5	<5	<5	<5
	quarterly average	mg/l	10	NR	NR	<5	NR	NR	<5
	pH minimum	STD	6.0	6.00	6.20	6.10	6.00	6.10	6.10
	maximum	STD	8.5	6.80	6.60	6.70	6.40	6.40	6.40
BOD	mg/l	15	3.8	2.7	<2	5.3	6.0	<2	
TSS maximum	mg/l	30	3.5	<2.5	9.0	14.0	7.0	<5	
quarterly average	mg/l	20	NR	NR	5.0	NR	NR	<5	
101 (Monitoring Point)	FLOW average	MGD	NA	0.235	0.232	0.340	0.344	0.282	0.294
	maximum	MGD	NA	0.266	0.246	0.381	0.383	0.288	0.320
	Fecal Coliform	MPN/100ml	200	<2	<2	<2	<2	<2	<2
201 (Monitoring Point)	FLOW average	MGD	NA	0.217	0.203	0.209	0.204	0.210	0.308
	maximum	MGD	NA	0.253	0.234	0.246	0.242	0.238	1.020
	1,1,1-Trichloroethane	ug/l	NA	<5	<5	<5	<5	<5	<5
	Tetrachloroethylene	ug/l	NA	<5	<5	<5	<5	<5	<5
	Trichloroethylene	ug/l	NA	<5	<5	<5	<5	<5	<5

DMR - Discharge Monitoring Report

NA - Not Applicable

NR - Not Reported

* As noted on the DMR dated 6/30/04, a collection or lab error on the oil/grease caused month/quarter to register high. Follow up tested <5 ppb as in the past.

Table 2-3
Effluent Characteristics Summary (July 2006 through June 2007)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				January 2007	February 2007	March 2007	April 2007	May 2007	June 2007
001	FLOW average	MGD	NA	0.113	0.132	0.317	0.218	0.180	0.089
	FLOW maximum	MGD	NA	0.132	0.302	0.693	0.249	0.241	0.103
	1,1,1-Trichloroethane	ug/l	5	<1	<1	<1	<5	<5	<5
	Tetrachloroethylene	ug/l	5	<1	<1	<1	<5	<5	<5
	Trichloroethylene	ug/l	5	<1	<1	<1	<5	<5	<5
	Total Residual Chlorine	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Oil & Grease maximum	mg/l	15	<5	<5	<5	<5	<5	<5
	Oil & Grease quarterly average	mg/l	10	NR	NR	<5	<5	<5	<5
	pH minimum	STD	6.0	6.00	6.00	6.40	6.70	6.80	6.70
	pH maximum	STD	8.5	6.90	6.90	7.10	6.90	7.30	8.30
BOD	mg/l	15	<2	3.0	4.0	2.0	0.0	<2	
TSS maximum	mg/l	30	<4	<4	17.0	6.0	<4	6.0	
	TSS quarterly average	mg/l	20	NR	NR	17.0	NR	NR	6.0
101 (Monitoring Point)	FLOW average	MGD	NA	ND	ND	0.037	0.069	0.068	0.028
	FLOW maximum	MGD	NA	ND	ND	0.333	0.330	0.281	0.251
	Fecal Coliform	MPN/100ml	200	ND	ND	1.0	8.0	<2	<2
201 (Monitoring Point)	FLOW average	MGD	NA	0.209	NR	0.250	NR	NR	0.237
	FLOW maximum	MGD	NA	0.368	NR	0.693	NR	NR	0.801
	1,1,1-Trichloroethane	ug/l	NA	<1	NR	<1	NR	NR	<5
	Tetrachloroethylene	ug/l	NA	<1	NR	<1	NR	NR	<5
	Trichloroethylene	ug/l	NA	<1	NR	<1	NR	NR	<5

DMR - Discharge Monitoring Report

NA - Not Applicable

NR - Not Reported

* As noted on the DMR dated 6/30/04, a collection or lab error on the oil/grease caused month/quarter to register high. Follow up tested <5 ppb as in the past.

2007 are included in Tables 2-4, 2-5, 2-6, and 2-7, respectively. As found in earlier sampling events at the Black & Decker facility, TCE and PCE were the primary VOCs detected at the highest concentrations in the groundwater samples. The highest concentrations of TCE were detected in the groundwater samples collected from wells EW-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 2007 (May 2007) 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 2006
 Black & Decker
 Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-3 (DUP)	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	ug/L	NS	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	10 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	2 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	2 U	1 U	1 U	0.94 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	2.6	1.9	2	2 U	1 U	1 U	8.6	20	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	10 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	2 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	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	460	160	160	770	250	12	7.3	11	1.3	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	2 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	10 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	52	4.2	4.3	18	12	25	13	65	160	5
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	2 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 2006
 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	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	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	7.5	1	4.3	4.7	NS	1.2	1 U	NS	6.3	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	0.93 J	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.6	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 U	6.3	43	13	6.3	NS	8.1	6.7	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	5 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	5	49	43	30	NS	5.2	1 U	NS	2.9	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Notes: DUP = Duplicate sample
 NS = Not sampled

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