

**ANNUAL REPORT**

**Prepared for:**

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

**JULY 1996**

**Prepared by:**

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**W.O. No. 02501-004-001-0200**

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## SECTION 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 which 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. Final versions of the documents are to become part of the Administrative Record for the site which is to be maintained at a public repository in the town of Hampstead.

## SECTION 2 SITE CHARACTERISTICS

### 2.1 HYDRAULIC PROPERTIES

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland facility, the following pumping and water level information is included for the period of July 1995 through June 1996.

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 1995 and January through June 1996, 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 May 1996 water levels, a representative groundwater elevation contour map showing the potentiometric surface under pumping conditions is presented in Figure 2-1. At the time the data was 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 1995 through June 1996 are included in Appendix B.

**Table 2-1**  
**Treatment System Pumping Records**  
**(July 1995 through June 1996)**

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

<b>Date</b>	<b>Water Pumped (gallons)</b>
July 1995	7,103,793
August 1995	7,044,689
September 1995	6,639,325
October 1995	6,699,531
November 1995	6,075,298
December 1995	6,725,716
January 1996	6,607,400
February 1996	5,960,999
March 1996	6,962,621
April 1996	6,575,450
May 1996	7,581,928
June 1996	7,191,904

**Table 2-2**  
**Groundwater Elevation Data (July 1995 through June 1996)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV.	TOTAL DEPTH	07/28/95		08/21/95		09/29/95		10/23/95	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	-	NA	-	NA	-	NA	-
EW-2	849.21	110	84.13	765.08	80.58	768.63	86.13	763.08	89.12	760.09
EW-3	846.64	118	68.11	778.53	66.09	780.55	65.33	781.31	64.56	782.08
EW-4	858.01	97.5	NA	-	NA	-	NA	-	63.97	794.04
EW-5	864.17	98	81.53	782.64	79.74	784.43	81.36	782.81	82.45	781.72
EW-6	831.98	115	69.95	762.03	66.62	765.36	67.93	764.05	69.32	762.66
EW-7	818.38	78	40.78	777.60	41.47	776.91	43.32	775.06	44.56	773.82
EW-8	811.13	98	46.12	765.01	47.62	763.51	50.32	760.81	54.27	756.86
EW-9	811.35	141	78.87	732.48	83.18	728.17	86.16	725.19	88.15	723.20
EW-10	807.74	NA	49.64	758.10	50.58	757.16	52.41	755.33	53.07	754.67
RFW-1A	864.37	78	51.44	812.93	51.46	812.91	52.21	812.16	52.79	811.58
RFW-1B	864.23	200	51.45	812.78	51.41	812.82	52.20	812.03	52.82	811.41
RFW-2A	857.41	35	16.97	840.44	17.29	840.12	19.49	837.92	19.49	837.92
RFW-2B	857.73	75	17.56	840.17	17.87	839.86	20.10	837.63	20.11	837.62
RFW-3B	839.21	153	32.89	806.32	33.71	805.50	34.70	804.51	35.60	803.61
RFW-4A	830.37	62	37.74	792.63	36.98	793.39	37.93	792.44	38.67	791.70
RFW-4B	830.37	120	37.63	792.74	36.86	793.51	37.82	792.55	38.61	791.76
RFW-5A	817.50	30	DRY	-	DRY	-	DRY	-	DRY	-
RFW-6	785.04	120	2.97	782.07	3.08	781.96	3.84	781.20	3.97	781.07
RFW-7	805.14	29	7.98	797.16	7.12	798.02	7.83	797.31	7.63	797.51
RFW-8	860.07	53	DRY	-	DRY	-	DRY	-	DRY	-
RFW-9	858.21	49	26.51	831.70	26.42	831.79	27.96	830.25	28.01	830.20
RFW-10	852.06	58	56.92	795.14	57.33	794.73	57.83	794.23	58.18	793.88
RFW-11A	849.32	72	61.35	787.97	61.58	787.74	61.26	788.06	61.02	788.30
RFW-11B	849.62	116	64.71	784.91	64.88	784.74	64.32	785.30	63.90	785.72
RFW-12B	844.87	264	50.49	794.38	50.80	794.07	51.19	793.68	51.39	793.48
RFW-13	849.11	150	60.84	788.27	60.17	788.94	58.36	790.75	62.12	786.99
RFW-14B	812.39	281	37.80	774.59	39.28	773.11	40.62	771.77	41.64	770.75
RFW-16	856.14	41	DRY	-	DRY	-	DRY	-	DRY	-
RFW-17	834.66	60.5	26.53	808.13	26.66	808.00	27.13	807.53	27.47	807.19
RFW-18	843.67	50	5.17	838.50	5.30	838.37	6.03	837.64	4.66	839.01
RFW-19	858.28	60	7.86	850.42	7.53	850.75	8.42	849.86	7.36	850.92
PH-7	805.94	89	29.87	776.07	31.20	774.74	33.08	772.86	34.05	771.89
PH-9	814.94	98	34.11	780.83	35.84	779.10	37.63	777.31	38.74	776.20
PH-11	820.68	78	42.49	778.19	41.17	779.51	42.01	778.67	42.30	778.38
PH-12	828.35	87	44.44	783.91	45.13	783.22	46.08	782.27	46.75	781.60
B-2	807.68	100	5.61	802.07	6.46	801.22	7.58	800.10	6.45	801.23
B-3	803.02	83	7.64	795.38	7.79	795.23	8.43	794.59	8.94	794.08
Amoco	842.29	NA	24.39	817.90	24.53	817.76	25.01	817.28	25.50	816.79
Hamp. Town #22	NA	NA	0.75	-	2.11	-	0.71	-	0.72	-
Pembroke #1	NA	NA	NA	-	NA	-	NA	-	17.02	-
Pembroke #2	NA	NA	NA	-	NA	-	NA	-	36.15	-
N. Houcks. Rd.	NA	NA	NA	-	NA	-	NA	-	11.90	-
E. Century St.	NA	NA	11.23	-	11.06	-	11.73	-	11.20	-
W. Beckleys. Rd.	NA	NA	53.57	-	53.70	-	56.24	-	54.75	-

ELEV = Elevation (feet above mean sea level)

DTW = Depth to water (feet below top of well casing)

NA = Not Available / Not Accessible



**Table 2-2 (continued)**  
**Groundwater Elevation Data (July 1995 through June 1996)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV.	TOTAL DEPTH	11/13/95		12/22/95		1/23/96		2/13/96	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	--	NA	--	NA	--	NA	--
EW-2	849.21	110	86.28	762.93	87.21	762.00	87.35	761.86	85.58	763.63
EW-3	846.64	118	64.65	781.99	69.17	777.47	69.31	777.33	50.01	796.63
EW-4	858.01	97.5	63.89	794.12	63.72	794.29	64.03	793.98	61.92	796.09
EW-5	864.17	98	68.78	795.39	71.32	792.85	72.00	792.17	63.57	800.60
EW-6	831.98	115	70.04	761.94	70.44	761.54	70.35	761.63	66.71	765.27
EW-7	818.38	78	44.72	773.66	44.81	773.57	43.96	774.42	45.82	772.56
EW-8	811.13	98	55.61	755.52	55.86	755.27	56.31	754.82	56.54	754.59
EW-9	811.35	141	89.37	721.98	89.64	721.71	89.40	721.95	84.32	727.03
EW-10	807.74	NA	53.81	753.93	52.78	754.96	53.28	754.46	49.77	757.97
RFW-1A	864.37	78	52.12	812.25	51.86	812.51	50.96	813.41	47.17	817.20
RFW-1B	864.23	200	52.09	812.14	51.85	812.38	50.94	813.29	47.19	817.04
RFW-2A	857.41	35	18.36	839.05	16.19	841.22	14.21	843.20	13.41	844.00
RFW-2B	857.73	75	18.98	838.75	16.83	840.90	14.78	842.95	14.04	843.69
RFW-3B	839.21	153	36.77	802.44	34.73	804.48	34.67	804.54	30.91	808.30
RFW-4A	830.37	62	38.62	791.75	38.34	792.03	36.29	794.08	35.22	795.15
RFW-4B	830.37	120	38.43	791.94	38.22	792.15	36.13	794.24	34.97	795.40
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	3.55	781.49	4.46	780.58	2.53	782.51	3.01	782.03
RFW-7	805.14	29	7.12	798.02	7.63	797.51	5.86	799.28	5.36	799.78
RFW-8	860.07	53	DRY	--	DRY	--	DRY	--	53.15	806.92
RFW-9	858.21	49	26.82	831.39	NA	--	NA	--	25.51	832.70
RFW-10	852.06	58	54.71	797.35	54.79	797.27	53.86	798.20	50.66	801.40
RFW-11A	849.32	72	60.91	788.41	62.95	786.37	65.95	783.37	53.42	795.90
RFW-11B	849.62	116	63.83	785.79	67.00	782.62	68.86	780.76	52.80	796.82
RFW-12B	844.87	264	51.44	793.43	51.51	793.36	51.94	792.93	49.02	795.85
RFW-13	849.11	150	61.60	787.51	61.71	787.40	60.70	788.41	61.22	787.89
RFW-14B	812.39	281	42.68	769.71	43.63	768.76	41.74	770.65	43.33	769.06
RFW-16	856.14	41	DRY	--	DRY	--	DRY	--	38.84	817.30
RFW-17	834.66	60.5	27.36	807.30	27.42	807.24	27.44	807.22	25.41	809.25
RFW-18	843.67	50	4.00	839.67	4.68	838.99	3.81	839.86	2.91	840.76
RFW-19	858.28	60	6.33	851.95	7.04	851.24	5.98	852.30	4.62	853.66
PH-7	805.94	89	34.06	771.88	33.87	772.07	30.71	775.23	31.00	774.94
PH-9	814.94	98	38.86	776.08	38.93	776.01	37.67	777.27	39.94	775.00
PH-11	820.68	78	41.41	779.27	42.93	777.75	41.24	779.44	40.67	780.01
PH-12	828.35	87	45.93	782.42	46.84	781.51	45.26	783.09	46.61	781.74
B-2	807.68	100	4.56	803.12	5.39	802.29	4.63	803.05	5.95	801.73
B-3	803.02	83	7.99	795.03	8.24	794.78	7.69	795.33	4.49	798.53
Amoco	842.29	NA	25.42	816.87	25.61	816.68	25.43	816.86	23.21	819.08
Hamp. Town #22	NA	NA	NA	--	0.69	--	0.34	--	FROZEN	--
Pembroke #1	NA	NA	15.85	--	16.11	--	15.82	--	12.59	--
Pembroke #2	NA	NA	35.92	--	35.38	--	35.57	--	33.78	--
N. Houcks. Rd.	NA	NA	9.08	--	8.37	--	7.86	--	6.37	--
E. Century St.	NA	NA	10.91	--	10.74	--	10.21	--	FROZEN	--
Lwr. Beckleys. Rd.	NA	NA	54.88	--	54.23	--	56.30	--	49.70	--

ELEV = Elevation (feet above mean sea level)  
DTW = Depth to water (feet below top of well casing)  
NA = Not Available / Not Accessible

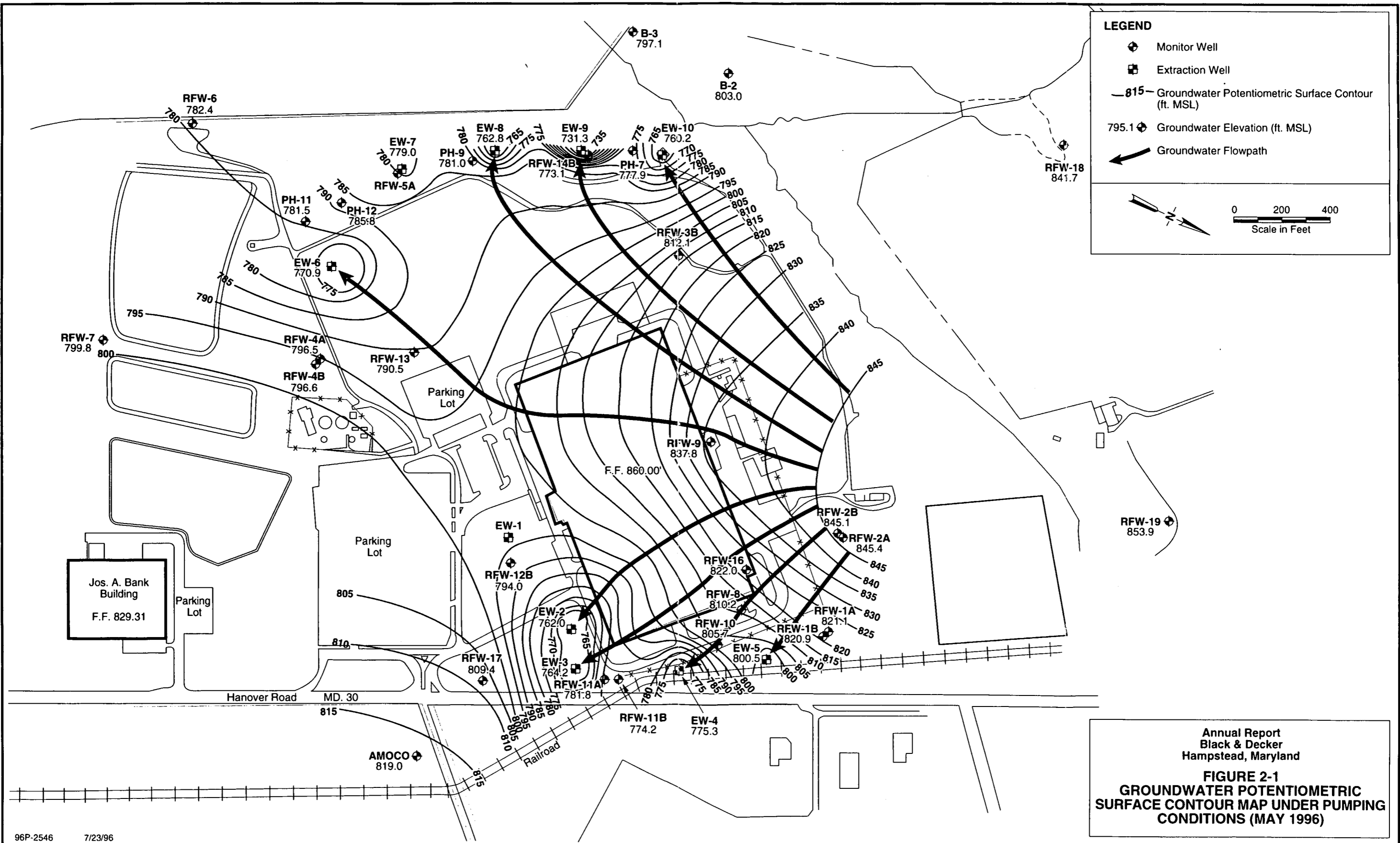
**Table 2-2 (continued)**  
**Groundwater Elevation Data (July 1995 through June 1996)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	FOC ELEV.	TOTAL DEPTH	3/6/96		4/15/96		5/6/96		6/6/96	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	-	NA	-	NA	-		
EW-2	849.21	110	81.76	767.45	87.73	761.48	87.25	761.96	90.50	758.71
EW-3	846.64	118	70.63	776.01	69.63	777.01	82.47	764.17	67.22	779.42
EW-4	858.01	97.5	87.89	770.12	NA	-	82.76	775.25	87.63	770.38
EW-5	864.17	98	65.02	799.15	58.57	805.60	63.67	800.50	76.93	787.24
EW-6	831.98	115	69.86	762.12	69.01	762.97	61.12	770.86	58.26	773.72
EW-7	818.38	78	45.04	773.34	44.73	773.65	39.41	778.97	36.97	781.41
EW-8	811.13	98	55.11	756.02	51.49	759.64	48.68	762.45	50.23	760.90
EW-9	811.35	141	89.31	722.04	87.43	723.92	80.02	731.33	78.72	732.63
EW-10	807.74	NA	48.91	758.83	47.98	759.76	47.54	760.20	46.55	761.19
RFW-1A	864.37	78	47.63	816.74	46.91	817.46	43.30	821.07	44.90	819.47
RFW-1B	864.23	200	47.64	816.59	46.93	817.30	43.36	820.87	44.93	819.30
RFW-2A	857.41	35	13.04	844.37	12.36	845.05	12.03	845.38	12.04	845.37
RFW-2B	857.73	75	13.66	844.07	12.82	844.91	12.67	845.06	12.70	845.03
RFW-3B	839.21	153	31.22	807.99	30.30	808.91	27.13	812.08	28.06	811.15
RFW-4A	830.37	62	35.43	794.94	34.98	795.39	33.90	796.47	34.14	796.23
RFW-4B	830.37	120	35.30	795.07	34.24	796.13	33.81	796.56	33.93	796.44
RFW-5A	817.50	30	DRY	-	DRY	-	DRY	-	DRY	-
RFW-6	785.04	120	3.20	781.84	2.74	782.30	2.63	782.41	2.48	782.56
RFW-7	805.14	29	5.80	799.34	5.73	799.41	5.34	799.80	6.21	798.93
RFW-8	860.07	53	52.14	807.93	48.93	811.14	49.88	810.19	53.98	806.09
RFW-9	858.21	49	24.93	833.28	24.32	833.89	24.23	833.98	23.93	834.28
RFW-10	852.06	58	50.12	801.94	46.35	805.71	48.40	803.66	53.85	798.21
RFW-11A	849.32	72	62.80	786.52	67.56	781.76	67.51	781.81	64.91	784.41
RFW-11B	849.62	116	67.46	782.16	75.48	774.14	75.43	774.19	67.50	782.12
RFW-12B	844.87	264	50.16	794.71	50.91	793.96	50.83	794.04	NA	-
RFW-13	849.11	150	61.03	788.08	60.71	788.40	58.58	790.53	58.98	790.13
RFW-14B	812.39	281	42.41	769.98	40.52	771.87	39.28	773.11	37.98	774.41
RFW-16	856.14	41	38.47	817.67	37.93	818.21	34.18	821.96	35.42	820.72
RFW-17	834.66	60.5	25.81	808.85	25.61	809.05	25.29	809.37	25.49	809.17
RFW-18	843.67	50	3.17	840.50	3.13	840.54	1.97	841.70	2.96	840.71
RFW-19	858.28	60	5.04	853.24	5.14	853.14	4.42	853.86	5.01	853.27
PH-7	805.94	89	29.85	776.09	23.68	782.26	28.04	777.90	27.36	778.58
PH-9	814.94	98	38.96	775.98	38.34	776.60	33.92	781.02	31.48	783.46
PH-11	820.68	78	40.79	779.89	40.00	780.68	39.20	781.48	38.44	782.24
PH-12	828.35	87	46.56	781.79	46.51	781.84	42.51	785.84	40.98	787.37
B-2	807.68	100	5.11	802.57	5.43	802.25	4.68	803.00	4.92	802.76
B-3	803.02	83	6.44	796.58	6.17	796.85	5.96	797.06	6.17	796.85
Amoco	842.29	NA	25.36	816.93	24.31	817.98	23.29	819.00	23.86	818.43
Hamp. Town #22	NA	NA	0.46	-	0.92	-	0.70	-	0.77	-
Pembroke #1	NA	NA	12.43	-	12.62	-	11.61	-	12.00	-
Pembroke #2	NA	NA	33.84	-	33.53	-	32.04	-	32.10	-
N. Houcks. Rd.	NA	NA	6.83	-	7.41	-	6.83	-	7.22	-
E. Century St.	NA	NA	10.51	-	10.83	-	10.41	-	11.12	-
Lwr. Beckleys. Rd.	NA	NA	50.01	-	51.06	-	47.34	-	47.23	-

ELEV = Elevation (feet above mean sea level)

DTW = Depth to water (feet below top of well casing)

NA = Not Available / Not Accessible



**Effluent Characteristics Summary (July 1995 through June 1996)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				July 1995	August 1995	September 1995	October 1995	November 1995	December 1995
001	FLOW average	MGD	NA	*	0.2587	0.1505	0.3146	0.3652	0.0770
	maximum	MGD	NA	*	1.0553	0.4393	1.3077	0.9280	0.2012
	1,1,1-Trichloroethane	ug/l	5	*	ND	ND	ND	ND	ND
	Tetrachloroethylene	ug/l	5	*	ND	ND	ND	ND	ND
	Trichloroethylene	ug/l	5	*	ND	ND	ND	ND	ND
	Total Residual Chlorine	mg/l	<0.1	*	<0.1	<0.1	<0.1	ND	<.01
	Oil & Grease average	mg/l	10	*	ND	ND	ND	ND	ND
	maximum	mg/l	15	*	ND	ND	ND	ND	ND
	pH minimum	STD	6.0	*	6.71	6.49	6.47	7.18	6.85
	maximum	STD	8.5	*	8.07	7.45	7.36	7.62	7.93
BOD	mg/l	15	*	6	3	4	4	8	
TSS	quarterly average	mg/l	20	*	NR	NR	NR	NR	9
	maximum	mg/l	30	*	22	<2	15	7	5
101 (Monitoring Point)	FLOW average	MGD	NA	*	0.411	0.498	0.438	0.435	0.499
	maximum	MGD	NA	*	0.519	0.524	0.459	0.447	0.534
	Fecal Coliform	MPN/100ml	200	*	ND	ND	ND	ND	ND
201 (Monitoring Point)	FLOW average	MGD	NA	0.2292	0.2272	0.2213	0.2161	0.2025	0.2170
	maximum	MGD	NA	0.2415	0.2393	0.2332	0.2331	0.2310	0.2323
	1,1,1-Trichloroethane	ug/l	NA	ND	ND	ND	ND	ND	ND
	Tetrachloroethylene	ug/l	NA	ND	ND	ND	ND	ND	ND
	Trichloroethylene	ug/l	NA	ND	ND	ND	ND	ND	ND

NA = Not Applicable

ND = Not Detected

NR = Not Reported

\* = No flow at Outfall 001 and Outfall 101 during July 1995

Table 2 (continued)  
**Effluent Characteristics Summary (July 1995 through June 1996)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				January 1996	February 1996	March 1996	April 1996	May 1996	June 1996	
001	FLOW	average	MGD	NA	0.3287	0.2372	0.1618	0.3490	0.2180	0.1863
		maximum	MGD	NA	0.6334	0.4715	0.1946	0.7680	0.3360	0.2743
	1,1,1-Trichloroethane	ug/l	5	ND	ND	ND	ND	ND	ND	
	Tetrachloroethylene	ug/l	5	ND	ND	ND	ND	ND	ND	
	Trichloroethylene	ug/l	5	ND	ND	ND	ND	ND	ND	
	Total Residual Chlorine	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	Oil & Grease	average	mg/l	10	ND	ND	22	ND	ND	ND
		maximum	mg/l	15	NR	NR	110	ND	ND	ND
	pH	minimum	STD	6.0	7.05	7.01	7.07	7.14	7.09	6.83
		maximum	STD	8.5	7.44	7.70	7.42	8.25	7.42	7.65
	BOD		mg/l	15	4	7	3	3	6	2
TSS	quarterly average	mg/l	20	NR	NR	4.3	NR	NR	12	
	maximum	mg/l	30	5	6	2	4	7	24	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.373	0.342	0.436	0.486	0.467	0.512
		maximum	MGD	NA	0.426	0.430	0.444	0.509	0.502	0.531
	Fecal Coliform	MPN/100ml	200	ND	ND	ND	ND	ND	ND	
201 (Monitoring Point)	FLOW	average	MGD	NA	0.2131	0.2056	0.2246	0.2190	0.2450	0.2400
		maximum	MGD	NA	0.2278	0.2425	0.2385	0.2650	0.2630	0.2720
	1,1,1-Trichloroethane	ug/l	NA	ND	ND	ND	ND	ND	ND	
	Tetrachloroethylene	ug/l	NA	ND	ND	ND	ND	ND	ND	
	Trichloroethylene	ug/l	NA	ND	ND	ND	ND	ND	ND	

NA = Not Applicable

ND = Not Detected

NR = Not Reported

\* = No flow at Outfall 001 and Outfall 101 during July 1995

### 2.3 GROUNDWATER QUALITY DATA

A summary of groundwater analytical results for the third and fourth quarters of 1995 and the first and second quarters of 1996 are included in Tables 2-4, 2-5, 2-6, and 2-7, respectively. Analytical data packages for the second quarter of 1996 are included in Appendix C. Analytical data packages for the remaining quarters are included in the respective Quarterly Groundwater Monitoring Reports.

For the reporting period of July 1995 through June 1996, approximately 1175 lbs of total VOCs were removed from the groundwater. In general, the total VOCs were comprised of TCE (82%), PCE (17%), and a small percentage of 1,2-Dichloroethene and 1,1,1-Trichloroethane.

In general, the volatile organic compounds (VOCs) detected in the highest concentrations were trichloroethene (TCE) and tetrachlorethene (PCE). Those compounds detected at lower concentrations are 1,2-dichloroethene, 1,1,1-trichloroethane, 1,1-dichloroethene, and 1,1,2-trichloroethane. The remainder of VOCs present were detected at levels well below the Federal Maximum Concentration Levels (MCL).

As found in earlier sampling events at the Black & Decker facility, the highest concentrations of TCE are found on the eastern half of the Black & Decker facility in monitor well RFW-16. The highest concentrations of PCE were found in the vicinity of recovery well EW-9.

**Summary of Groundwater Analytical Results -August 1995**  
**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-10	EW-10	RFW-1A	RFW-1B	RFW-2A
			(50)	(25)	(100)	(25)					(10)	(2.5)	(DUP.) (2.5)		
Chloromethane	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Chloroethane	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	160 JB	120 U	480 JB	120 U	3 JB	4 JB	5 U	32 JB	3 JB	12 U	4 JB	5 U	5 U
Acetone	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	250 U	120 U	500 U	120 U	3 J	23	39	11 J	12 U	12 U	5 U	5 U	5 U
Chloroform	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Vinyl Acetate	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	6300	2400	11000	4600	16	29	20	24 J	12 U	12 U	5 U	5 U	4 J
Dibromochloromethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Benzene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Bromoform	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	500 U	250 U	1000 U	250 U	10 U	10 U	10 U	100 U	25 U	25 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	130 J	51 J	280 J	91 J	110	77	230	1600	350	350	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Toluene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Styrene	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	250 U	120 U	500 U	120 U	5 U	5 U	5 U	50 U	12 U	12 U	5 U	5 U	5 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.  
 J = Indicates an estimated value.  
 B = Indicates that the analyte was found in the associated blank as well as in the sample.

DUP = Duplicate sample  
 NS = Not sampled  
 (2.5) = Dilution factor.