

ANNUAL REPORT

Prepared for:

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

JULY 1995

Prepared by:

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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 4-1), recommendations for continuation of, or changes to, the treatment system (Section 5), and a performance evaluation of the treatment system (Section 4). 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 August 1994 through June 1995.

Pumping records showing the total gallons pumped per month of treatment system operation are presented in Table 2-1. A copy of the Withdrawal Report, for the period of January through June 1995, is 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 15 May 1995 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 172 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 August 1994 through June 1995 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

A summary of groundwater analytical results for the third and fourth quarters of 1994 and the first and second quarters of 1995 are included in Tables 2-4, 2-5, 2-6, and 2-7, respectively.

**Table 2-1
Treatment System Pumping Records**

**Black & Decker
Hampstead, Maryland**

Date	Water pumped (gallons)
August 1994*	6,519,715
September 1994	10,078,419
October 1994	10,058,462
November 1994	9,339,140
December 1994	9,345,349
January 1995	8,103,271
February 1995	7,012,124
March 1995	7,758,741
April 1995	7,502,062
May 1995	7,427,689
June 1995	6,982,525

* = treatment system began operation 18 August 1994

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEVATION	TOTAL DEPTH	8/15/94		8/18/94	
			DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)	847.21	55	28.42	818.79	32.63	814.58
EW-2 (PH-3A)	849.21	110	30.55	818.66	31.96	817.25
EW-3 (PH-1A)	846.64	118	29.08	817.56	31.07	815.57
EW-4 (PH-4A)	858.01	97.5	38.22	819.79	46.36	811.65
EW-5 (PH-2A)	864.17	98	40.05	824.12	44.31	819.86
EW-6 (PH-13)	831.98	115	44.06	787.92	51.22	780.76
EW-7 (RFW-5B)	818.38	78	19.85	798.53	21.73	796.65
EW-8 (PH-10)	811.13	98	7.81	803.32	12.61	798.52
EW-9 (PH-8)	811.35	141	10.94	800.41	26.31	785.04
EW-10 (PW-7)	807.74		6.92	800.82	22.71	785.03
RFW-1A	864.37	78	35.37	829.00	35.48	828.89
RFW-1B	864.23	200	35.34	828.89	35.48	828.75
RFW-2A	857.41	35	17.00	840.41	17.91	839.50
RFW-2B	857.73	75	17.50	840.23	18.12	839.61
RFW-3B	839.21	153	26.11	813.10	26.14	813.07
RFW-4A	830.37	62	34.67	795.70	34.76	795.61
RFW-4B	830.37	120	34.67	795.70	34.71	795.66
RFW-5A	817.50	30	18.76	798.74	18.75	798.75
RFW-6	785.04	120	0.73	784.31	0.83	784.21
RFW-7	805.14	29	7.32	797.82	7.27	797.87
RFW-8	860.07	53	34.38	825.69	34.36	825.71
RFW-9	858.21	49	28.14	830.07	28.37	829.84
RFW-10	852.06	58	28.28	823.78	28.73	823.33
RFW-11A	849.32	72	30.07	819.25	30.87	818.45
RFW-11B	849.62	116	31.66	817.96	32.43	817.19
RFW-12B	844.87	264	26.20	818.67	27.61	817.26
RFW-13	849.11	150	51.72	797.39	52.11	797.00
RFW-14B	812.39	281	9.09	803.30	9.13	803.26
RFW-16	856.14	41	27.09	829.05	27.17	828.97
RFW-17	834.66	60.5	17.39	817.27	17.42	817.24
RFW-18	843.67	50	4.09	839.58	4.22	839.45
RFW-19	858.28	60	6.62	851.66	6.71	851.57
PH-7	805.94	89	5.41	800.53	5.94	800.00
PH-9	814.94	98	15.87	799.07	15.82	799.12
PH-11	820.68	78	33.10	787.58	33.27	787.41
PH-12	828.35	87	35.43	792.92	35.51	792.84
B-2	807.68	100				
B-3	803.02	83	7.91	795.11	8.03	794.99
AMOCO	842.29		20.80	821.49	20.93	821.36
HAMP-22			0.74		0.91	
PEMBROKE 1						
PEMBROKE 2						
N. Houchs						
E. Century			11.17		11.23	
E. Beckley			50.44		50.60	

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland
(Continued)

WELL NO.	8/19/94		8/22/94		8/24/94	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)	38.32	808.89				
EW-2 (PH-3A)	43.63	805.58	49.23	799.98	51.13	798.08
EW-3 (PH-1A)	33.78	812.86	42.84	803.80	44.64	802.00
EW-4 (PH-4A)	51.98	806.03	66.02	791.99	67.38	790.63
EW-5 (PH-2A)	47.97	816.20	50.29	813.88	51.27	812.90
EW-6 (PH-13)	45.01	786.97	50.60	781.38	48.75	783.23
EW-7 (RFW-5B)	21.88	796.50	22.67	795.71	23.20	795.18
EW-8 (PH-10)	18.30	792.83	21.05	790.08	21.93	789.20
EW-9 (PH-8)	53.12	758.23	55.55	755.80	52.47	758.88
EW-10 (PW-7)	30.45	777.29	31.12	776.62	31.32	776.42
RFW-1A	35.51	828.86	35.99	828.38	36.47	827.90
RFW-1B	35.50	828.73	35.97	828.26	36.48	827.75
RFW-2A	18.07	839.34	17.74	839.67	17.70	839.71
RFW-2B	18.46	839.27	17.97	839.76	17.87	839.86
RFW-3B	26.21	813.00	26.37	812.84	26.61	812.60
RFW-4A	34.89	795.48	34.95	795.42	35.05	795.32
RFW-4B	34.86	795.51	34.90	795.47	34.96	795.41
RFW-5A	18.81	798.69	20.73	796.77	21.11	796.39
RFW-6	1.02	784.02	1.13	783.91	1.18	783.86
RFW-7	7.31	797.83	7.37	797.77	6.91	798.23
RFW-8	34.83	825.24	36.62	823.45	37.71	822.36
RFW-9	28.40	829.81	28.59	829.62	28.90	829.31
RFW-10	30.06	822.00	32.31	819.75	33.22	818.84
RFW-11A	33.49	815.83	37.86	811.46	39.77	809.55
RFW-11B	35.57	814.05	39.62	810.00	41.31	808.31
RFW-12B	28.29	816.58	31.43	813.44	32.45	812.42
RFW-13	52.20	796.91	52.36	796.75	52.59	796.52
RFW-14B	9.20	803.19	10.58	801.81	11.61	800.78
RFW-16	27.13	829.01	28.34	827.80	27.71	828.43
RFW-17	17.47	817.19	17.74	816.92	17.97	816.69
RFW-18	4.20	839.47	3.91	839.76	4.11	839.56
RFW-19	6.68	851.60	6.53	851.75	6.63	851.65
PH-7	7.51	798.43	8.43	797.51	9.64	796.30
PH-9	15.91	799.03	17.23	797.71	17.69	797.25
PH-11	33.36	787.32	34.33	786.35	34.37	786.31
PH-12	35.57	792.78	35.86	792.49	36.08	792.27
B-2						
B-3	8.00	795.02	7.99	795.03		
AMOCO	20.94	821.35	20.98	821.31	21.14	821.15
HAMP-22	0.96		0.73		0.71	
PEMBROKE 1						
PEMBROKE 2						
N. Houchs						
E. Century	11.24		11.26		11.28	
E. Beckley	50.59		50.69		50.84	

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland
(Continued)

WELL NO.	8/26/94		8/31/94		9/9/94	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)						
EW-2 (PH-3A)			52.01	797.20	58.88	790.33
EW-3 (PH-1A)			47.34	799.30	50.42	796.22
EW-4 (PH-4A)			67.70	790.31	67.85	790.16
EW-5 (PH-2A)			54.29	809.88	56.05	808.12
EW-6 (PH-13)					52.22	779.76
EW-7 (RFW-5B)			49.86	768.52	25.80	792.58
EW-8 (PH-10)			23.36	787.77	26.82	784.31
EW-9 (PH-8)			53.63	757.72	61.69	749.66
EW-10 (PW-7)	31.73	776.01	33.01	774.73	36.31	771.43
RFW-1A	36.71	827.66	37.38	826.99	38.48	825.89
RFW-1B	36.67	827.56	37.24	826.99	38.46	825.77
RFW-2A	18.39	839.02	17.96	839.45	17.49	839.92
RFW-2B	18.91	838.82	18.12	839.61	17.68	840.05
RFW-3B	26.61	812.60	26.74	812.47	28.41	810.80
RFW-4A	35.00	795.37	34.36	796.01	35.21	795.16
RFW-4B	34.73	795.64	34.21	796.16	35.05	795.32
RFW-5A	21.50	796.00	22.33	795.17	23.73	793.77
RFW-6	0.86	784.18	0.96	784.08	1.63	783.41
RFW-7	6.38	798.76	6.22	798.92	7.14	798.00
RFW-8	37.94	822.13	38.10	821.97	40.64	819.43
RFW-9	28.89	829.32	28.94	829.27	28.42	829.79
RFW-10	33.91	818.15	34.06	818.00	37.29	814.77
RFW-11A	40.88	808.44	42.75	806.57	45.47	803.85
RFW-11B	42.57	807.05	44.26	805.36	47.32	802.30
RFW-12B	33.19	811.68	34.51	810.36	36.39	808.48
RFW-13	52.33	796.78	52.43	796.68	53.52	795.59
RFW-14B	12.58	799.81	14.61	797.78	17.78	794.61
RFW-16	27.95	828.19	28.03	828.11	29.69	826.45
RFW-17	18.14	816.52	18.51	816.15	19.28	815.38
RFW-18	3.31	840.36	3.22	840.45	3.23	840.44
RFW-19	5.69	852.59	5.94	852.34	5.90	852.38
PH-7	8.53	797.41	11.53	794.41	14.40	791.54
PH-9	17.98	796.96	18.99	795.95	20.48	794.46
PH-11	33.93	786.75	33.67	787.01	35.63	785.05
PH-12	35.93	792.42	34.96	793.39	37.28	791.07
B-2						
B-3	7.54	795.48	7.63	795.39	8.14	794.88
AMOCO	21.05	821.24	21.03	821.26	21.18	821.11
HAMP-22	0.70		0.69		0.79	
PEMBROKE 1						
PEMBROKE 2						
N. Houchs						
E. Century	11.21		11.18		11.17	
E. Beckley	50.85		50.96		51.26	

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland
(Continued)

WELL NO.	9/15/94		9/21/94		9/29/94	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)						
EW-2 (PH-3A)	58.54	790.67	57.36	791.85	57.62	791.59
EW-3 (PH-1A)	49.79	796.85	50.46	796.18	55.68	790.96
EW-4 (PH-4A)	71.43	786.58	69.03	788.98	68.56	789.45
EW-5 (PH-2A)	57.27	806.90	59.04	805.13	59.50	804.67
EW-6 (PH-13)	52.80	779.18	54.21	777.77	54.38	777.60
EW-7 (RFW-5B)	26.72	791.66	26.91	791.47	28.59	789.79
EW-8 (PH-10)	28.57	782.56	30.13	781.00	31.32	779.81
EW-9 (PH-8)	63.28	748.07	64.77	746.58	66.25	745.10
EW-10 (PW-7)	37.58	770.16	39.00	768.74	39.21	768.53
RFW-1A	39.15	825.22	39.71	824.66	40.61	823.76
RFW-1B	39.13	825.10	39.70	824.53	40.63	823.60
RFW-2A	17.57	839.84	17.74	839.67	17.79	839.62
RFW-2B	17.74	839.99	18.11	839.62	18.37	839.36
RFW-3B	27.37	811.84	28.03	811.18	28.10	811.11
RFW-4A	35.73	794.64	35.91	794.46	36.16	794.21
RFW-4B	35.61	794.76	35.90	794.47	36.03	794.34
RFW-5A	25.46	792.04	26.91	790.59	26.56	790.94
RFW-6	1.97	783.07	2.03	783.01	2.63	782.41
RFW-7	7.17	797.97	8.06	797.08	8.06	797.08
RFW-8	40.91	819.16	42.71	817.36	43.56	816.51
RFW-9	28.41	829.80	28.31	829.90	28.33	829.88
RFW-10	38.41	813.65	39.71	812.35	40.54	811.52
RFW-11A	47.08	802.24	49.63	799.69	49.92	799.40
RFW-11B	49.19	800.43	52.21	797.41	52.11	797.51
RFW-12B	37.39	807.48	38.71	806.16	39.47	805.40
RFW-13	53.54	795.57	53.49	795.62	53.86	795.25
RFW-14B	17.84	794.55	20.02	792.37	23.27	789.12
RFW-16	30.11	826.03	29.79	826.35		
RFW-17	19.70	814.96	19.94	814.72	20.57	814.09
RFW-18	4.54	839.13	3.71	839.96	3.46	840.21
RFW-19	6.84	851.44	5.86	852.42	5.99	852.29
PH-7	16.03	789.91	16.94	789.00	18.18	787.76
PH-9	21.46	793.48	22.03	792.91	23.23	791.71
PH-11	36.27	784.41	36.91	783.77	37.37	783.31
PH-12	37.73	790.62	38.09	790.26	38.69	789.66
B-2	5.96	801.72	6.06	801.62	6.14	801.54
B-3	7.71	795.31	7.73	795.29	7.91	795.11
AMOCO	21.43	820.86	21.46	820.83	21.71	820.58
HAMP-22	0.83		0.79		0.84	
PEMBROKE 1						
PEMBROKE 2						
N. Houchs						
E. Century	11.31		11.46		11.64	
E. Beckley	51.51		51.91		51.85	

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland
(Continued)

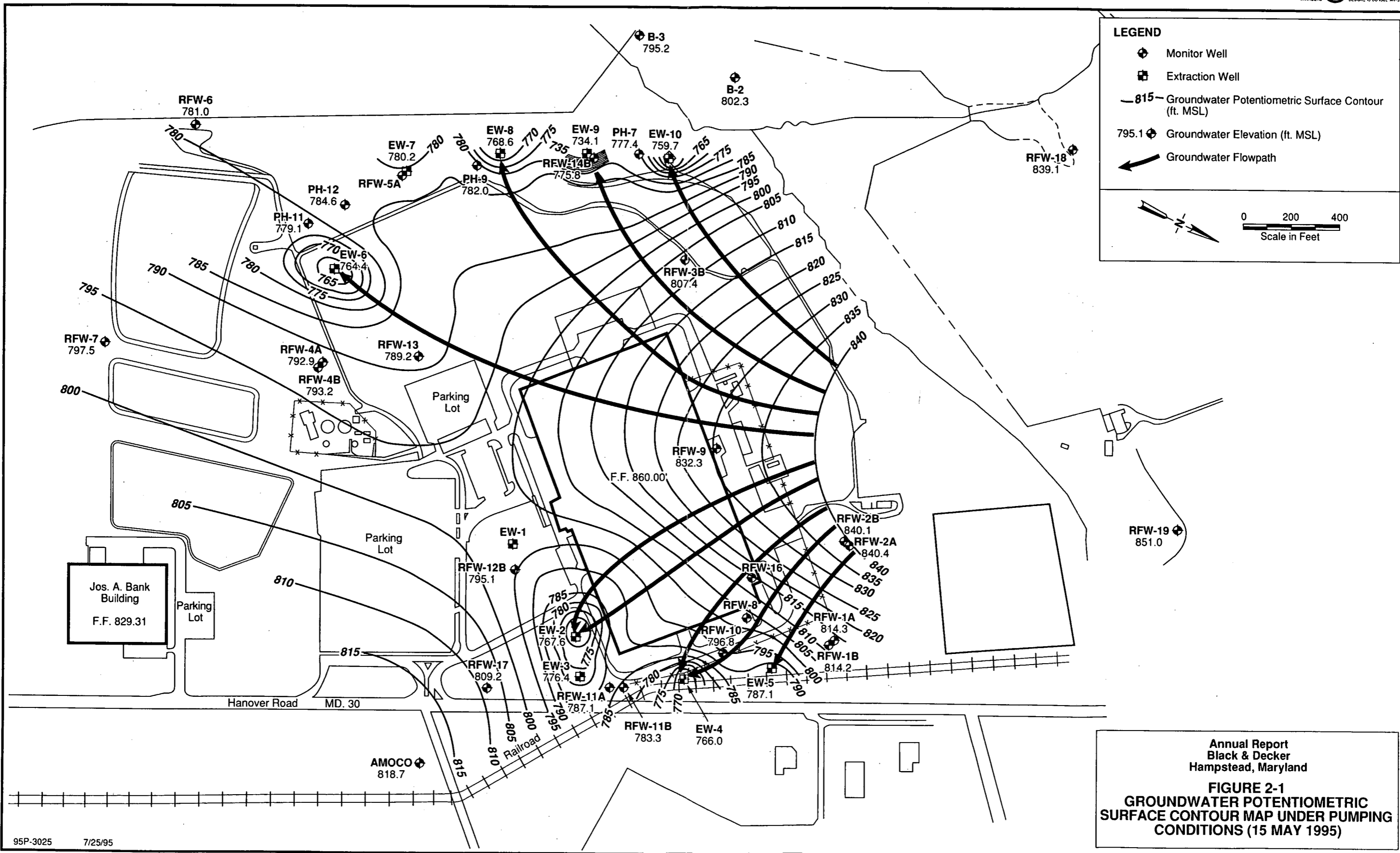
WELL NO.	10/6/94		11/15/94		12/14/94	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)						
EW-2 (PH-3A)	64.36	784.85	63.02	786.19	64.03	785.18
EW-3 (PH-1A)	62.26	784.38	62.60	784.04	62.84	783.80
EW-4 (PH-4A)	73.00	785.01	73.06	784.95	73.41	784.60
EW-5 (PH-2A)	64.56	799.61	66.29	797.88	70.34	793.83
EW-6 (PH-13)	54.93	777.05	56.34	775.64	56.73	775.25
EW-7 (RFW-5B)	31.31	787.07	33.52	784.86	35.18	783.20
EW-8 (PH-10)	39.06	772.07	38.27	772.86	40.83	770.30
EW-9 (PH-8)	67.22	744.13	73.83	737.52	74.06	737.29
EW-10 (PW-7)	40.04	767.70	44.13	763.61	44.16	763.58
RFW-1A	39.77	824.60	44.81	819.56	46.75	817.62
RFW-1B	39.74	824.49	44.82	819.41	46.76	817.47
RFW-2A	18.73	838.68	19.46	837.95	19.49	837.92
RFW-2B	19.22	838.51	20.02	837.71	20.00	837.73
RFW-3B	28.02	811.19	30.86	808.35	31.48	807.73
RFW-4A	35.31	795.06	37.41	792.96	37.65	792.72
RFW-4B	35.25	795.12	37.37	793.00	37.49	792.88
RFW-5A	28.39	789.11	DRY	NA	DRY	NA
RFW-6	2.71	782.33	3.26	781.78	3.13	781.91
RFW-7	7.06	798.08	8.13	797.01	7.87	797.27
RFW-8	47.91	812.16	49.01	811.06	51.54	808.53
RFW-9	28.47	829.74	29.53	828.68	29.02	829.19
RFW-10	44.26	807.80	46.62	805.44	49.49	802.57
RFW-11A	53.63	795.69	55.86	793.46	58.72	790.60
RFW-11B	56.48	793.14	59.46	790.16	61.83	787.79
RFW-12B	38.33	806.54	44.23	800.64	48.31	796.56
RFW-13	53.51	795.60	57.11	792.00	57.18	791.93
RFW-14B	21.88	790.51	30.63	781.76	31.17	781.22
RFW-16	32.06	824.08	34.91	821.23	36.07	820.07
RFW-17	20.46	814.20	22.98	811.68	23.82	810.84
RFW-18	4.03	839.64	5.84	837.83	5.77	837.90
RFW-19	6.36	851.92	7.45	850.83	7.06	851.22
PH-7	15.46	790.48	23.67	782.27	24.51	781.43
PH-9	34.61	780.33	28.26	786.68	29.02	785.92
PH-11	39.21	781.47	39.03	781.65	39.63	781.05
PH-12	40.33	788.02	41.02	787.33	41.88	786.47
B-2	6.53	801.15	5.48	802.20	5.24	802.44
B-3	8.21	794.81	8.88	794.14	8.84	794.18
AMOCO	22.30	819.99	23.26	819.03	23.89	818.40
HAMP-22	0.91		1.41		0.99	
PEMBROKE 1			15.98		16.12	
PEMBROKE 2			35.25		35.53	
N. Houchs			9.87		9.73	
E. Century			11.46		11.37	
E. Beckley			53.46		53.50	

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland
(Continued)

WELL NO.	1/12/95		2/13/95		3/20/95	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)						
EW-2 (PH-3A)	71.04	778.17	75.35	773.86	78.31	770.90
EW-3 (PH-1A)	69.56	777.08	47.93	798.71	66.53	780.11
EW-4 (PH-4A)	91.46	766.55	90.00	768.01	92.00	766.01
EW-5 (PH-2A)	74.54	789.63	72.91	791.26	74.05	790.12
EW-6 (PH-13)	67.28	764.70	64.91	767.07	64.95	767.03
EW-7 (RFW-5B)	36.68	781.70	35.96	782.42	37.24	781.14
EW-8 (PH-10)	43.11	768.02	40.60	770.53	40.87	770.26
EW-9 (PH-8)	79.77	731.58	72.38	738.97	73.58	737.77
EW-10 (PW-7)	48.60	759.14	46.13	761.61	46.26	761.48
RFW-1A	49.02	815.35	48.81	815.56	49.39	814.98
RFW-1B	49.05	815.18	48.85	815.38	49.37	814.86
RFW-2A	20.08	837.33	17.45	839.96	16.13	841.28
RFW-2B	20.39	837.34	18.04	839.69	16.71	841.02
RFW-3B	32.63	806.58	30.94	808.27	27.93	811.28
RFW-4A	37.88	792.49	38.93	791.44	38.83	791.54
RFW-4B	37.80	792.57	37.83	792.54	38.28	792.09
RFW-5A	DRY	NA	DRY	NA	DRY	NA
RFW-6	3.50	781.54	3.99	781.05	3.66	781.38
RFW-7	8.43	796.71	7.88	797.26	7.41	797.73
RFW-8	54.13	805.94	54.82	805.25	55.67	804.40
RFW-9	31.26	826.95	27.68	830.53	26.21	832.00
RFW-10	51.84	800.22	52.12	799.94	53.52	798.54
RFW-11A	60.86	788.46	50.69	798.63	59.77	789.55
RFW-11B	65.83	783.79	49.83	799.79	61.36	788.26
RFW-12B	47.46	797.41	45.73	799.14	47.96	796.91
RFW-13	59.12	789.99	59.86	789.25	54.50	794.61
RFW-14B	35.02	777.37	34.92	777.47	35.42	776.97
RFW-16	37.47	818.67	39.87	816.27	39.98	816.16
RFW-17	24.61	810.05	24.00	810.66	24.32	810.34
RFW-18	5.75	837.92	4.86	838.81	4.11	839.56
RFW-19	7.36	850.92	6.66	851.62	6.47	851.81
PH-7	25.31	780.63	26.25	779.69	26.77	779.17
PH-9	31.08	783.86	30.90	784.04	31.76	783.18
PH-11	40.72	779.96	41.11	779.57	42.31	778.37
PH-12	43.06	785.29	43.63	784.72	43.24	785.11
B-2	5.40	802.28	5.21	802.47	6.62	801.06
B-3	8.96	794.06	7.22	795.80	8.39	794.63
AMOCO	23.66	818.63	23.02	819.27	23.64	818.65
HAMP-22	0.99		0.94		0.87	
PEMBROKE 1	16.86		13.80		14.02	
PEMBROKE 2	36.41		34.20		34.41	
N. Houchs	9.98				10.11	
E. Century	11.49		11.31		11.81	
E. Beckley	53.59		53.62		54.61	

Table 2-2
Groundwater Elevation Data
Black & Decker
Hampstead, Maryland
(Continued)

WELL NO.	4/21/95		5/15/95		6/22/95	
	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1 (RFW-12A)						
EW-2 (PH-3A)	76.46	772.75	81.58	767.63	82.31	766.90
EW-3 (PH-1A)	68.43	778.21	70.23	776.41	66.13	780.51
EW-4 (PH-4A)	92.00	766.01	92.00	766.01	NA	NA
EW-5 (PH-2A)	74.33	789.84	77.04	787.13	80.24	783.93
EW-6 (PH-13)	65.31	766.67	67.56	764.42	69.68	762.30
EW-7 (RFW-5B)	36.98	781.40	38.17	780.21	39.28	779.10
EW-8 (PH-10)	41.31	769.82	42.58	768.55	44.06	767.07
EW-9 (PH-8)	74.51	736.84	77.27	734.08	78.94	732.41
EW-10 (PW-7)	47.31	760.43	48.00	759.74	49.40	758.34
RFW-1A	49.61	814.76	50.08	814.29	51.02	813.35
RFW-1B	49.62	814.61	50.07	814.16	51.03	813.20
RFW-2A	16.46	840.95	16.98	840.43	17.99	839.42
RFW-2B	16.93	840.80	17.61	840.12	18.63	839.10
RFW-3B	28.38	810.83	31.79	807.42	32.63	806.58
RFW-4A	37.36	793.01	37.45	792.92	38.35	792.02
RFW-4B	36.99	793.38	37.19	793.18	38.21	792.16
RFW-5A	DRY	NA	DRY	NA	DRY	NA
RFW-6	2.08	782.96	4.09	780.95	4.71	780.33
RFW-7	6.89	798.25	7.66	797.48	8.69	796.45
RFW-8	DRY	NA	DRY	NA	DRY	NA
RFW-9	27.08	831.13	25.91	832.30	26.57	831.64
RFW-10	54.44	797.62	55.27	796.79	56.53	795.53
RFW-11A	60.64	788.68	62.20	787.12	61.21	788.11
RFW-11B	65.08	784.54	66.32	783.30	64.68	784.94
RFW-12B	48.77	796.10	49.73	795.14	50.18	794.69
RFW-13	55.36	793.75	59.96	789.15	60.70	788.41
RFW-14B	35.87	776.52	36.57	775.82	37.76	774.63
RFW-16	NA	NA	DRY	NA	DRY	NA
RFW-17	24.98	809.68	25.51	809.15	26.14	808.52
RFW-18	4.73	838.94	4.59	839.08	5.40	838.27
RFW-19	6.36	851.92	7.24	851.04	8.09	850.19
PH-7	27.80	778.14	28.59	777.35	30.03	775.91
PH-9	32.46	782.48	32.97	781.97	34.07	780.87
PH-11	42.64	778.04	41.61	779.07	42.41	778.27
PH-12	43.54	784.81	43.75	784.60	44.29	784.06
B-2	5.43	802.25	5.40	802.28	5.79	801.89
B-3	7.62	795.40	7.80	795.22	8.01	795.01
AMOCO	22.95	819.34	23.63	818.66	24.19	818.10
HAMP-22	0.92		1.21		1.43	
PEMBROKE 1	13.74		14.73		15.40	
PEMBROKE 2	33.93		33.99		34.56	
N. Houchs	9.74		9.17		10.11	
E. Century	11.19		10.88		11.71	
E. Beckley	52.61		53.04		53.66	



Annual Report
Black & Decker
Hampstead, Maryland
FIGURE 2-1
GROUNDWATER POTENTIOMETRIC
SURFACE CONTOUR MAP UNDER PUMPING
CONDITIONS (15 MAY 1995)

**Effluent Characteristics Summary
Black & Decker
Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				August 1994	September 1994	October 1994	November 1994	December 1994	January 1995
001	FLOW average	MGD	NA	0.2141	0.3720	0.3052	0.2877	0.4306	0.4179
	maximum	MGD	NA	1.3644	1.3650	0.7156	0.5503	0.5847	0.5166
	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	6	ND	ND	ND	ND	ND
	Total Residual Chlorine	mg/l	<0.1	0.00	0.05	0.02	<.01	<.01	<.01
	Oil & Grease	mg/l	15	ND	ND	ND	ND	ND	ND
	pH minimum	STD	6.0	7.11	6.63	6.45	6.50	6.28	6.44
	maximum	STD	8.5	7.91	7.53	7.26	7.44	7.29	7.35
	BOD	mg/l	15	6.15	7.00	4.00	3.00	ND	3.00
TSS	average	mg/l	20	11.8	18.0	12.0		9.0	
	maximum	mg/l	30	13.2	18.0	12.0	8.0	8.0	10.0
101 (Monitoring Point)	FLOW average	MGD	NA	0.000	0.470	0.463	0.501	0.429	0.282
	maximum	MGD	NA	0.000	0.505	0.477	0.508	0.443	0.440
	Fecal Coliform	PN/100m ^l	200	--	ND	ND	ND	ND	ND
201 (Monitoring Point)	FLOW average	MGD	NA	0.3480	0.3090	0.2985	0.2840	0.2761	0.2061
	maximum	MGD	NA	0.4220	0.3630	0.3152	0.2962	0.2936	0.2982
	1,1,1-Trichloroethane	ug/l	NA	ND	ND	ND	ND	ND	ND
	Tetrachloroethylene	ug/l	NA	ND	ND	1	ND	ND	ND
	Trichloroethylene	ug/l	NA	ND	8	6	<5	ND	ND

NA = Not Applicable

-- = Not Sampled

ND = Not Detected