



**ANNUAL REPORT**

**Prepared for:**

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

**JULY 1997**

**Prepared by:**

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

**TABLE OF CONTENTS**

<u>Section</u>	<u>Title</u>	<u>Page</u>
1	INTRODUCTION	1-1
2	SITE CHARACTERISTICS	2-1
	2.1 Hydraulic Properties	2-1
	2.2 Effluent Characteristics	2-1
	2.3 Groundwater Quality Data	2-9
3	OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM	3-1
4	TREATMENT SYSTEM PERFORMANCE	4-1
5	RECOMMENDATIONS	5-1
APPENDIX A	WITHDRAWAL REPORTS	
APPENDIX B	DISCHARGE MONITORING REPORTS	
APPENDIX C	PRE-TREATMENT ANALYTICAL RESULTS	
APPENDIX D	MAY 1997 GROUNDWATER ANALYTICAL DATA PACKAGE	

**LIST OF TABLES**

<u>Table</u>	<u>Title</u>	<u>Page</u>
2-1	Treatment System Pumping Records	2-2
2-2	Groundwater Elevation Data	2-3
2-3	Effluent Characteristics Summary	2-7
2-4	Summary of Groundwater Analytical Results - August 1996	2-10
2-5	Summary of Groundwater Analytical Results - November 1996	2-13
2-6	Summary of Groundwater Analytical Results - March 1997	2-16
2-7	Summary of Groundwater Analytical Results - May 1997	2-19
3-1	Treatment System Maintenance Activities	3-2

**LIST OF FIGURES**

<u>Figure</u>	<u>Title</u>	<u>Page</u>
2-1	Groundwater Potentiometric Surface Contour Map Under Pumping Conditions (June 1997)	2-6



**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 1996 through June 1997.

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 1996 and January through June 1997, 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 1997 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 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 1996 through June 1997 are included in Appendix B.

**Table 2-1**  
**Treatment System Pumping Records**  
**(July 1996 through June 1997)**

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

<b>Date</b>	<b>Water Pumped (gallons)</b>
July 1996	7,626,823
August 1996	7,622,697
September 1996	7,027,815
October 1996	7,872,587
November 1996	7,738,809
December 1996	7,904,413
January 1997	7,968,460
February 1997	7,016,170
March 1997	7,769,265
April 1997	7,615,678
May 1997	7,472,126
June 1997	7,342,773

**Table 2-2**  
**Groundwater Elevation Data (July 1996 through June 1997)**  
**Black & Decker (U.S.) Inc**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	7/3/96		8/5/96		9/30/96		10/31/96	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	--	NA	--	NA	--	NA	--
EW-2	849.21	110	86.14	763.07	87.65	761.56	89.96	759.25	91.63	757.58
EW-3	846.64	118	82.78	763.86	82.76	763.88	92.49	754.15	89.73	756.91
EW-4	858.01	97.5	86.34	771.67	82.05	775.96	83.64	774.37	81.67	776.34
EW-5	864.17	98	74.88	789.29	73.21	790.96	70.08	794.09	74.48	789.69
EW-6	831.98	115	59.67	772.31	58.63	773.35	60.02	771.96	60.36	771.62
EW-7	818.38	78	40.84	777.54	39.13	779.25	37.12	781.26	37.52	780.86
EW-8	811.13	98	50.86	760.27	49.65	761.48	49.91	761.22	49.76	761.37
EW-9	811.35	141	79.73	731.62	79.73	731.62	78.96	732.39	79.21	732.14
EW-10	807.74	NA	47.00	760.74	47.76	759.98	49.11	758.63	48.78	758.96
RFW-1A	864.37	78	44.99	819.38	45.35	819.02	43.12	821.25	44.02	820.35
RFW-1B	864.23	200	45.01	819.22	45.39	818.84	43.15	821.08	44.07	820.16
RFW-2A	857.41	35	12.30	845.11	10.98	846.43	11.80	845.61	11.08	846.33
RFW-2B	857.73	75	12.94	844.79	11.62	846.11	12.36	845.37	11.71	846.02
RFW-3B	839.21	153	28.36	810.85	27.07	812.14	27.93	811.28	27.22	811.99
RFW-4A	830.37	62	33.84	796.53	34.10	796.27	35.34	795.03	34.75	795.62
RFW-4B	830.37	120	33.69	796.68	33.93	796.44	35.05	795.32	34.66	795.71
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	1.78	783.26	2.03	783.01	2.42	782.62	2.29	782.75
RFW-7	805.14	29	6.31	798.83	5.20	799.94	5.98	799.16	5.69	799.45
RFW-8	860.07	53	54.33	805.74	54.10	805.97	50.69	809.38	53.37	806.70
RFW-9	862.02	49	23.66	838.36	23.45	838.57	23.59	838.43	23.14	838.88
RFW-10	852.06	58	54.07	797.99	54.73	797.33	50.27	801.79	53.64	798.42
RFW-11A	849.32	72	65.61	783.71	67.23	782.09	67.61	781.71	67.74	781.58
RFW-11B	849.62	116	67.82	781.80	75.25	774.37	75.65	773.97	75.67	773.95
RFW-12B	844.87	264	50.54	794.33	51.13	793.74	51.21	793.66	51.41	793.46
RFW-13	849.11	150	59.33	789.78	55.74	793.37	56.06	793.05	56.86	792.25
RFW-14B	812.39	281	37.52	774.87	37.27	775.12	37.27	775.12	37.69	774.70
RFW-16	856.14	41	36.06	820.08	36.71	819.43	35.61	820.53	34.36	821.78
RFW-17	834.66	60.5	26.61	808.05	24.85	809.81	25.14	809.52	24.89	809.77
RFW-18	843.67	50	3.33	840.34	2.09	841.58	2.46	841.21	2.21	841.46
RFW-19	858.28	60	5.26	853.02	4.64	853.64	5.21	853.07	4.67	853.61
PH-7	805.94	89	27.94	778.00	27.98	777.96	28.06	777.88	28.90	777.04
PH-9	814.94	98	30.64	784.30	30.76	784.18	31.67	783.27	32.00	782.94
PH-11	820.68	78	38.61	782.07	38.12	782.56	39.00	781.68	38.89	781.79
PH-12	828.35	87	41.06	787.29	40.92	787.43	42.01	786.34	42.27	786.08
B-2	807.68	100	4.86	802.82	4.77	802.91	4.86	802.82	4.74	802.94
B-3	803.02	83	6.24	796.78	5.77	797.25	6.03	796.99	6.08	796.94
Amoco	842.29	NA	24.06	818.23	22.83	819.46	23.61	818.68	19.94	822.35
Hamp. Town #22	NA	NA	0.47	--	0.68	--	0.70	--	0.67	--
Pembroke #1	NA	NA	10.11	--	9.73	--	10.02	--	9.49	--
Pembroke #2	NA	NA	31.31	--	NA	--	32.91	--	30.63	--
N. Houcks. Rd.	NA	NA	6.94	--	7.41	--	8.53	--	6.90	--
E. Century St.	NA	NA	10.67	--	10.21	--	11.46	--	NA	--
Lwr. Beckleys. Rd.	NA	NA	48.34	--	48.13	--	49.47	--	48.09	--

Notes: DTW - Depth to water (ft below top of well casing)  
ELEV - Groundwater elevation (ft above mean sea level)  
NA - Not Available/Not Accessible

**Table 2-2 (continued)**  
**Groundwater Elevation Data (July 1996 through June 1997)**  
**Black & Decker (U.S.) Inc**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	11/13/96		12/6/96		1/27/97		2/18/97	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	--	NA	--	NA	--	NA	--
EW-2	849.21	110	92.17	757.04	92.07	757.14	91.89	757.32	94.45	754.76
EW-3	846.64	118	82.88	763.76	83.93	762.71	84.55	762.09	85.83	760.81
EW-4	858.01	97.5	84.76	773.25	82.99	775.02	85.63	772.38	88.13	769.88
EW-5	864.17	98	82.59	781.58	87.52	776.65	94.12	770.05	87.93	776.24
EW-6	831.98	115	59.94	772.04	59.08	772.90	61.12	770.86	57.40	774.58
EW-7	818.38	78	37.73	780.65	37.57	780.81	33.81	784.57	33.10	785.28
EW-8	811.13	98	50.22	760.91	49.63	761.50	49.33	761.80	54.63	756.50
EW-9	811.35	141	81.47	729.88	80.90	730.45	81.37	729.98	79.66	731.69
EW-10	807.74	NA	48.78	758.96	46.93	760.81	47.02	760.72	49.64	758.10
RFW-1A	864.37	78	44.89	819.48	44.36	820.01	45.11	819.26	45.81	818.56
RFW-1B	864.23	200	44.85	819.38	44.34	819.89	45.05	819.18	45.87	818.36
RFW-2A	857.41	35	11.11	846.30	10.87	846.54	11.73	845.68	11.50	845.91
RFW-2B	857.73	75	11.76	845.97	11.30	846.43	12.00	845.73	12.14	845.59
RFW-3B	839.21	153	27.22	811.99	27.15	812.06	27.51	811.70	25.99	813.22
RFW-4A	830.37	62	34.59	795.78	34.51	795.86	34.86	795.51	34.99	795.38
RFW-4B	830.37	120	34.42	795.95	34.34	796.03	34.81	795.56	34.96	795.41
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	2.25	782.79	1.69	783.35	2.52	782.52	2.38	782.66
RFW-7	805.14	29	5.04	800.10	4.84	800.30	5.29	799.85	5.46	799.68
RFW-8	860.07	53	54.66	805.41	55.64	804.43	55.53	804.54	DRY	--
RFW-9	862.02	49	23.34	838.68	22.90	839.12	23.14	838.88	23.14	838.88
RFW-10	852.06	58	55.65	796.41	56.82	795.24	56.31	795.75	56.70	795.36
RFW-11A	849.32	72	67.79	781.53	67.78	781.54	67.28	782.04	67.45	781.87
RFW-11B	849.62	116	75.75	773.87	75.71	773.91	75.43	774.19	75.69	773.93
RFW-12B	844.87	264	51.61	793.26	51.36	793.51	52.17	792.70	51.82	793.05
RFW-13	849.11	150	57.31	791.80	56.47	792.64	56.81	792.30	54.14	794.97
RFW-14B	812.39	281	37.67	774.72	37.59	774.80	35.85	776.54	35.61	776.78
RFW-16	856.14	41	35.20	820.94	35.69	820.45	35.47	820.67	36.89	819.25
RFW-17	834.66	60.5	25.47	809.19	24.43	810.23	24.91	809.75	25.04	809.62
RFW-18	843.67	50	1.98	841.69	1.77	841.90	2.78	840.89	1.80	841.87
RFW-19	858.28	60	4.59	853.69	4.31	853.97	5.47	852.81	4.74	853.54
PH-7	805.94	89	29.00	776.94	28.24	777.70	26.53	779.41	26.39	779.55
PH-9	814.94	98	32.18	782.76	31.85	783.09	32.37	782.57	27.95	786.99
PH-11	820.68	78	38.81	781.87	38.61	782.07	37.88	782.80	37.69	782.99
PH-12	828.35	87	42.39	785.96	42.12	786.23	39.70	788.65	39.45	788.90
B-2	807.68	100	4.63	803.05	3.81	803.87	4.41	803.27	4.35	803.33
B-3	803.02	83	5.93	797.09	4.96	798.06	5.37	797.65	6.37	796.65
Amoco	842.29	NA	20.03	822.26	19.94	822.35	20.21	822.08	19.12	823.17
Hamp. Town #22	NA	NA	0.70	--	0.63	--	0.71	--	0.68	--
Pembroke #1	NA	NA	9.13	--	9.00	--	9.41	--	8.50	--
Pembroke #2	NA	NA	NA	--	NA	--	NA	--	NA	--
N. Houcks. Rd.	NA	NA	6.50	--	6.06	--	6.83	--	6.87	--
E. Century St.	NA	NA	NA	--	NA	--	10.17	--	10.31	--
Lwr. Beckleys. Rd.	NA	NA	47.14	--	46.83	--	47.31	--	NA	--

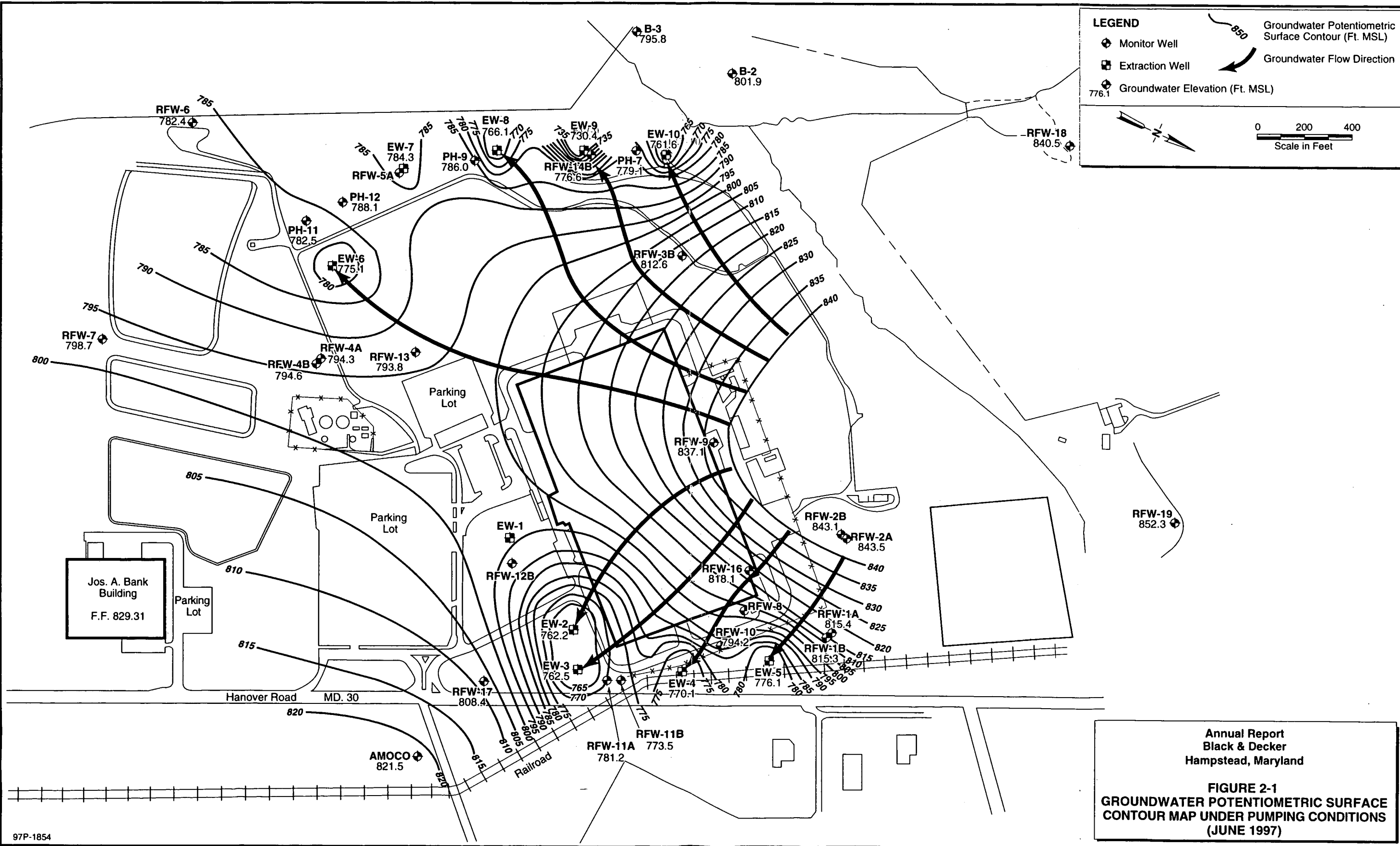
Notes: DTW - Depth to water (ft below top of well casing)  
ELEV - Groundwater elevation (ft above mean sea level)  
NA - Not Available/Not Accessible

**Table 2-2 (continued)**  
**Groundwater Elevation Data (July 1996 through June 1997)**

**Black & Decker (U.S.) Inc**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	3/13/97		4/17/97		5/6/97		6/12/97	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	--	NA	--	NA	--	NA	--
EW-2	849.21	110	87.33	761.88	91.99	757.22	87.43	761.78	87.01	762.20
EW-3	846.64	118	83.79	762.85	82.81	763.83	83.32	763.32	84.14	762.50
EW-4	858.01	97.5	86.40	771.61	83.41	774.60	89.67	768.34	87.91	770.10
EW-5	864.17	98	78.46	785.71	82.12	782.05	88.11	776.06	88.04	776.13
EW-6	831.98	115	58.63	773.35	59.00	772.98	56.73	775.25	56.89	775.09
EW-7	818.38	78	33.74	784.64	32.94	785.44	32.62	785.76	34.11	784.27
EW-8	811.13	98	53.11	758.02	48.34	762.79	44.61	766.52	45.06	766.07
EW-9	811.35	141	79.37	731.98	79.51	731.84	81.15	730.20	80.97	730.38
EW-10	807.74	NA	46.74	761.00	46.07	761.67	25.64	782.10	46.16	761.58
RFW-1A	864.37	78	45.96	818.41	46.02	818.35	47.15	817.22	48.96	815.41
RFW-1B	864.23	200	45.99	818.24	46.08	818.15	47.19	817.04	48.98	815.25
RFW-2A	857.41	35	11.53	845.88	11.37	846.04	12.61	844.80	13.93	843.48
RFW-2B	857.73	75	12.06	845.67	11.89	845.84	13.26	844.47	14.59	843.14
RFW-3B	839.21	153	26.22	812.99	26.20	813.01	26.24	812.97	26.59	812.62
RFW-4A	830.37	62	34.72	795.65	34.26	796.11	35.28	795.09	36.04	794.33
RFW-4B	830.37	120	34.61	795.76	34.19	796.18	35.22	795.15	35.82	794.55
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	2.28	782.76	1.13	783.91	2.44	782.60	2.62	782.42
RFW-7	805.14	29	5.68	799.46	5.57	799.57	6.34	798.80	6.48	798.66
RFW-8	860.07	53	DRY	--	DRY	--	DRY	--	DRY	--
RFW-9	862.02	49	23.37	838.65	23.32	838.70	24.13	837.89	24.90	837.12
RFW-10	852.06	58	56.58	795.48	57.02	795.04	57.35	794.71	57.82	794.24
RFW-11A	849.32	72	62.58	786.74	66.97	782.35	67.44	781.88	68.08	781.24
RFW-11B	849.62	116	74.21	775.41	74.70	774.92	75.36	774.26	76.09	773.53
RFW-12B	844.87	264	52.02	792.85	51.79	793.08	51.96	792.91	NA	--
RFW-13	849.11	150	53.86	795.25	53.83	795.28	54.44	794.67	55.28	793.83
RFW-14B	812.39	281	35.79	776.60	34.89	777.50	34.80	777.59	35.84	776.55
RFW-16	856.14	41	36.63	819.51	36.61	819.53	37.69	818.45	38.06	818.08
RFW-17	834.66	60.5	24.90	809.76	24.63	810.03	25.28	809.38	26.30	808.36
RFW-18	843.67	50	2.71	840.96	2.60	841.07	2.79	840.88	3.21	840.46
RFW-19	858.28	60	5.11	853.17	4.83	853.45	5.80	852.48	5.98	852.30
PH-7	805.94	89	26.21	779.73	25.46	780.48	25.53	780.41	26.83	779.11
PH-9	814.94	98	28.74	786.20	27.02	787.92	27.34	787.60	28.94	786.00
PH-11	820.68	78	37.91	782.77	37.33	783.35	37.56	783.12	38.17	782.51
PH-12	828.35	87	39.48	788.87	38.73	789.62	39.25	789.10	40.22	788.13
B-2	807.68	100	4.71	802.97	4.33	803.35	5.32	802.36	5.81	801.87
B-3	803.02	83	6.64	796.38	6.49	796.53	7.00	796.02	7.18	795.84
Amoco	842.29	NA	19.47	822.82	19.21	823.08	19.61	822.68	20.76	821.53
Hamp. Town #22	NA	NA	0.71	--	0.68	--	0.70	--	0.71	--
Pembroke #1	NA	NA	9.08	--	9.14	--	10.34	--	11.59	--
Pembroke #2	NA	NA	NA	--	NA	--	NA	--	NA	--
N. Houcks. Rd.	NA	NA	7.53	--	7.41	--	8.03	--	8.41	--
E. Century St.	NA	NA	10.47	--	NA	--	10.38	--	10.95	--
Lwr. Beckleys. Rd.	NA	NA	NA	--	NA	--	48.56	--	49.33	--

Notes: DTW - Depth to water (ft below top of well casing)  
ELEV - Groundwater elevation (ft above mean sea level)  
NA - Not Available/Not Accessible



97P-1854

**Table 2-3**  
**Effluent Characteristics Summary (July 1996 through June 1997)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				July 1996	August 1996	September 1996	October 1996	November 1996	December 1996	
001	FLOW	average	MGD	NA	0.341	0.324	0.263	0.250	0.290	0.589
		maximum	MGD	NA	1.189	1.025	0.806	0.272	0.962	1.492
	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	NR	NR	ND	ND	ND	ND
		maximum	mg/l	15	ND	ND	ND	ND	ND	ND
	pH	minimum	STD	6.0	7.00	6.46	6.48	6.27	6.69	6.54
		maximum	STD	8.5	8.05	7.49	7.17	7.01	7.41	7.33
	BOD	mg/l	15	3	5	6	ND	2	8	
TSS	quarterly average	mg/l	20	NR	NR	10	NR	NR	8	
	maximum	mg/l	30	10	14	7	9	2	12	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.547	0.577	0.544	0.553	0.544	0.543
		maximum	MGD	NA	0.612	0.607	0.567	0.560	0.557	0.547
	Fecal Coliform	MPN/100ml	200	ND	ND	ND	ND	ND	ND	
201 (Monitoring Point)	FLOW	average	MGD	NA	0.246	0.219	0.234	0.254	0.258	0.255
		maximum	MGD	NA	0.259	0.265	0.262	0.272	0.279	0.266
	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



**Table 2-3 (Continued)**  
**Effluent Characteristics Summary (July 1996 through June 1997)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				January 1997	February 1997	March 1997	April 1997	May 1997	June 1997	
001	FLOW	average	MGD	NA	0.272	0.200	0.270	0.277	0.187	0.135
		maximum	MGD	NA	0.362	0.294	0.415	1.165	0.286	0.175
	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	NR	NR	ND	ND	ND	ND
		maximum	mg/l	15	ND	ND	ND	ND	ND	ND
	pH	minimum	STD	6.0	6.86	6.79	6.88	6.35	6.46	6.42
		maximum	STD	8.5	7.30	8.04	7.25	8.12	8.06	7.78
BOD	mg/l	15	4	7	12	6	2	2		
TSS	quarterly average	mg/l	20	NR	NR	8	NR	NR	5	
	maximum	mg/l	30	7	8	8	6	5	4	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.552	0.554	0.553	0.531	0.278	0.477
		maximum	MGD	NA	0.567	0.557	0.554	0.543	0.284	0.549
	Fecal Coliform	MPN/100ml	200	ND	ND	ND	ND	ND	ND	
201 (Monitoring Point)	FLOW	average	MGD	NA	0.257	0.251	0.251	0.254	0.241	0.245
		maximum	MGD	NA	0.283	0.268	0.278	0.273	0.255	0.274
	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

### 2.3 GROUNDWATER QUALITY DATA

For the reporting period of July 1996 through June 1997, approximately 929 pounds 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) (83%), tetrachloroethene (PCE) (16%), and a small percentage of 1,2-dichloroethene and 1,1,1-trichloroethane. Monthly analytical results of the groundwater prior to treatment collected at the inlet to the air stripper are included in Appendix C.

A summary of the analytical results of the groundwater samples collected from the monitor and extraction wells from the third and fourth quarters of 1996 and the first and second quarters of 1997 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 VOCs detected at the highest concentrations in the groundwater samples. The highest concentrations of TCE were detected in the groundwater samples collected from monitor well RFW-16 and the highest concentrations of PCE were detected in the groundwater samples collected from extraction well EW-9. VOCs detected at lower concentrations were 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 (MCLs). The analytical data package for the second quarter of 1996 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 1996**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	EW-1	EW-2	EW-2 (DUP) (25)	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	RFW-1A	RFW-1B	RFW-2A
			(25)		(10)	(100)	(25)				(10)				
Chloromethane	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	110 JB	31 BJ	69 B	930 B	150 B	6 B	4 JB	5 JB	69 B	5 JB	4 JB	5 U	3 JB
Acetone	ug/L	NS	160 JB	250 U	72 JB	1000 B	220 JB	10 U	10 U	10 U	78 JB	10 U	5 JB	10 U	10 U
Carbon Disulfide	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	2 J	5 U	50 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	3 J	2 J	50 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	120 U	120 U	50 U	500 U	120 U	2 J	12	27	11 J	1 J	5 U	5 U	5 U
Chloroform	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	3 J	5 U	50 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Vinyl Acetate	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	3900 D	3800	1400	7400	4400	16	19	16	16 J	2 J	5 U	5 U	2 J
Dibromochloromethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Benzene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	250 U	250 U	100 U	1000 U	250 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	170	99 J	25 J	170 J	79 J	92	60	230 D	970	150 D	5 U	1 J	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Toluene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Styrene	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	120 U	120 U	50 U	500 U	120 U	5 U	5 U	5 U	50 U	5 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.

2-10

Table 2-4 (continued)  
 Summary of Groundwater Analytical Results - August 1996  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-2B	RFW-3B	RFW-4A (2)	RFW-4B (2)	RFW-5A	RFW-6	RFW-7	RFW-8 (10)	RFW-8 (DUP) (10)	RFW-9	RFW-10 (2.5)	RFW-11A	RFW-11B	RFW-12B (25)
Chloromethane	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	7 J	10 U	250 U
Bromomethane	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
Vinyl Chloride	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
Chloroethane	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
Methylene Chloride	ug/L	5 B	5 B	14 B	13 B	NS	1 JB	3 BJ	73 B	45 JB	4 JB	16 B	5 JB	5 B	170 B
Acetone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	4 BJ	150 B	100 U	10 U	25 U	10 U	10 U	250 U
Carbon Disulfide	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
1,1-Dichloroethene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	15	5 U	5 U	120 U
1,1-Dichloroethane	ug/L	5 U	2 J	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 J	12 U	5 U	5 U	120 U
1,2-Dichloroethene (total)	ug/L	5 U	46	7 J	8 J	NS	5	3 J	50 U	11 J	14	12 U	5 U	5 U	120 U
Chloroform	ug/L	5 U	1 J	2 J	3 J	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
1,2-Dichloroethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
2-Butanone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
1,1,1-Trichloroethane	ug/L	5 U	4 J	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	78	5 U	5 U	120 U
Carbon Tetrachloride	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Vinyl Acetate	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
Bromodichloromethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
1,2-Dichloropropane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
cis-1,3-Dichloropropene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Trichloroethene	ug/L	3 J	27	200	170	NS	31	11	1100	1500	37	2200 D	67	47	4100
Dibromochloromethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
1,1,2-Trichloroethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Benzene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Bromoform	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
4-Methyl-2-pentanone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
2-Hexanone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	100 U	100 U	10 U	25 U	10 U	10 U	250 U
Tetrachloroethene	ug/L	5 U	67	360	400	NS	30	5 U	20 J	31 J	18	120	2 J	1 J	81 J
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Toluene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Chlorobenzene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Ethylbenzene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Styrene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 U
Xylene (total)	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	50 U	50 U	5 U	12 U	5 U	5 U	120 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.

Table 2-4 (continued)  
 Summary of Groundwater Analytical Results - August 1996  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-13	RFW-16	RFW-17	RFW-18	RFW-19	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Field Blank	Trip Blank
Chloromethane	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
Bromomethane	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
Vinyl Chloride	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
Chloroethane	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
Methylene Chloride	ug/L	5 JB	9400 B	3 JB	1 JB	1 JB	6 B	4 JB	88 B	89 B	NS	13 B	4 JB
Acetone	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	40 JB	100 U	NS	10 U	10 U
Carbon Disulfide	ug/L	5 U	5000 U	5 U	5 U	5 U	1 J	5 U	50 U	50 U	NS	5 U	5 U
1,1-Dichloroethene	ug/L	2 J	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
1,1-Dichloroethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
1,2-Dichloroethene (total)	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Chloroform	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
1,2-Dichloroethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
2-Butanone	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
1,1,1-Trichloroethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Carbon Tetrachloride	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Vinyl Acetate	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
Bromodichloromethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
1,2-Dichloropropane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
cis-1,3-Dichloropropene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Trichloroethene	ug/L	5	110000	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Dibromochloromethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
1,1,2-Trichloroethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Benzene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Bromoform	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
4-Methyl-2-pentanone	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
2-Hexanone	ug/L	10 U	10000 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	NS	10 U	10 U
Tetrachloroethene	ug/L	5.2	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Toluene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Chlorobenzene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Ethylbenzene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Styrene	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	5 U	5 U
Xylene (total)	ug/L	5 U	5000 U	5 U	5 U	5 U	5 U	5 U	50 U	50 U	NS	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.

Table 2-5

## Summary of Groundwater Analytical Results - November 1996

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
			(20)	(10)	(25)	(20)			(2)	(5)		(DUP)			
Chloromethane	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	130 B	99 B	260 B	120 B	5 U	3 JB	17 B	32 B	5 JB	8 B	3 JB	4 JB	4 JB
Acetone	ug/L	NS	200 U	100 U	250 B	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	2 J	10 U	25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	100 U	50 U	120 U	100 U	1 J	11	28	11 J	5 U	5 U	5 U	5 U	5 U
Chloroform	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	2 J	10 U	25 U	5 U	5 U	5 U	1 J	5 U
Carbon Tetrachloride	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	3400	1000	3500	2100	16	15	18	16 J	1 J	1 J	5 U	5 U	1 J
Dibromochloromethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Benzene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	200 U	100 U	250 U	200 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	110	24 J	89 J	43 J	82	49	200	910	140	110	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Toluene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Styrene	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	100 U	50 U	120 U	100 U	5 U	5 U	10 U	25 U	5 U	5 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.

Table 2-5 (continued)  
 Summary of Groundwater Analytical Results - November 1996  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10	RFW-11A	RFW-11B	RFW-12B
				(2)	(2)				(5)		(20)			(25)
Chloromethane	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	200 U	10 U	10 U	250 U
Bromomethane	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	200 U	10 U	10 U	250 U
Vinyl Chloride	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	200 U	10 U	10 U	250 U
Chloroethane	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	200 U	10 U	10 U	250 U
Methylene Chloride	ug/L	5 JB	4 JB	4 JB	16 B	NS	4 JB	4 JB	33 B	3 JB	89 JB	4 JB	5 JB	230 B
Acetone	ug/L	10 U	10 U	20 U	20 U	NS	4 JB	10 U	50 U	10 U	200 U	10 U	6 JB	250 U
Carbon Disulfide	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
1,1-Dichloroethene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
1,1-Dichloroethane	ug/L	2 J	2 J	10 U	10 U	NS	5 U	5 U	25 U	5	100 U	5 U	5 U	120 U
1,2-Dichloroethene (total)	ug/L	52	50	5 J	7 J	NS	3 J	5 U	7 J	13	100 U	5 U	5 U	120 U
Chloroform	ug/L	5 U	5 U	2 J	2 J	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
1,2-Dichloroethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
2-Butanone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	200 U	10 U	10 U	250 U
1,1,1-Trichloroethane	ug/L	2 J	2 J	10 U	10 U	NS	5 U	5 U	25 U	3 J	43 J	5 U	5 U	120 U
Carbon Tetrachloride	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Vinyl Acetate	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	200 U	10 U	10 U	250 U
Bromodichloromethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
1,2-Dichloropropane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
cis-1,3-Dichloropropene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Trichloroethene	ug/L	22	21	170	130	NS	26	8	900	30	2500	67	31	2900
Dibromochloromethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
1,1,2-Trichloroethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Benzene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Bromoform	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
4-Methyl-2-pentanone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	100 U	10 U	10 U	250 U
2-Hexanone	ug/L	10 U	10 U	20 U	20 U	NS	10 U	10 U	50 U	10 U	100 U	10 U	10 U	250 U
Tetrachloroethene	ug/L	46	43	280	200	NS	23	5 U	24 J	21	66 J	1 J	5 U	75 J
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Toluene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Chlorobenzene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Ethylbenzene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Styrene	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U
Xylene (total)	ug/L	5 U	5 U	10 U	10 U	NS	5 U	5 U	25 U	5 U	100 U	5 U	5 U	120 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification. DUP = Duplicate sample  
 J = Indicates an estimated value. NS = Not sampled  
 B = Indicates that the analyte was found in the associated blank as well as in the sample. (2.5) = Dilution factor.

Table 2-5 (continued)  
 Summary of Groundwater Analytical Results - November 1996  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-13	RFW-16 (250)	RFW-16 (DUP) (250)	RFW-17	RFW-18	RFW-19	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Field Blank	Trip Blank
Chloromethane	ug/L	10 U	2500 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
Bromomethane	ug/L	10 U	2500 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
Vinyl Chloride	ug/L	10 U	2500 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
Chloroethane	ug/L	10 U	2500 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
Methylene Chloride	ug/L	5 JB	2400 B	2000 B	6 B	4 JB	4 JB	7 B	10 B	6 B	6 B	NS	9 B	5 B
Acetone	ug/L	10 U	2500 U	2500 U	10 U	6 JB	10 U	14 B	54 B	10 U	10 U	NS	10 U	10 U
Carbon Disulfide	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
1,1-Dichloroethene	ug/L	1 J	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
1,1-Dichloroethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
1,2-Dichloroethene (total)	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Chloroform	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
1,2-Dichloroethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
2-Butanone	ug/L	10 U	10000 U	10000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
1,1,1-Trichloroethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Carbon Tetrachloride	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Vinyl Acetate	ug/L	10 U	10000 U	10000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
Bromodichloromethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
1,2-Dichloropropane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
cis-1,3-Dichloropropene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Trichloroethene	ug/L	9	50000 D	51000 D	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Dibromochloromethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
1,1,2-Trichloroethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Benzene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Bromoform	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
4-Methyl-2-pentanone	ug/L	10 U	2500 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
2-Hexanone	ug/L	10 U	2500 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U
Tetrachloroethene	ug/L	76	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	4 J	5 U	NS	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Toluene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Chlorobenzene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Ethylbenzene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Styrene	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U
Xylene (total)	ug/L	5 U	1200 U	1200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	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.  
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DUP = Duplicate sample  
 NS = Not sampled  
 (2.5) = Dilution factor.



Table 2-6

## Summary of Groundwater Analytical Results - February 1997

Black & Decker  
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-3 (DUP) (10)	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	RFW-1A	RFW-1B	RFW-2A
				(10)		(25)	(10)			(2)	(5)				
Chloromethane	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	210 B	92 B	100 B	220 B	74 B	7 B	8 B	18 B	41 B	7 B	8 B	8 B	7 B
Acetone	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	2 J	10 U	25 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	100 U	50 U	50 U	120 U	50 U	1 J	10	29	10 J	5 U	5 U	5 U	5 U
Chloroform	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	100 U	50 U	50 U	120 U	11 J	5 U	1 J	10 U	25 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Vinyl Acetate	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	3500	1100	1100	3200	1500	11	16	17	13 J	2 J	5 U	5 U	1 J
Dibromochloromethane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Benzene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	200 U	100 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	110	24 J	27 J	84 J	27 J	48	45	200	810	130	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Toluene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Styrene	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	100 U	50 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	5 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.

Table 2-6 (continued)  
 Summary of Groundwater Analytical Results - February 1997  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10	RFW-11A	RFW-11B	RFW-12B
					(2)						(20)			(25)
Chloromethane	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Bromomethane	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Vinyl Chloride	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Chloroethane	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Methylene Chloride	ug/L	8 B	8 B	7 B	14 B	NS	7 B	8 B	NS	8 B	110 B	8 B	7 B	270 B
Acetone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Carbon Disulfide	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
1,1-Dichloroethene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
1,1-Dichloroethane	ug/L	5 U	2 J	5 U	10 U	NS	5 U	5 U	NS	6	100 U	5 U	5 U	120 U
1,2-Dichloroethene (total)	ug/L	5 U	49	3 J	6 J	NS	3 J	5 U	NS	14	100 U	5 U	5 U	120 U
Chloroform	ug/L	5 U	5 U	1 J	2 J	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
1,2-Dichloroethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
2-Butanone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
1,1,1-Trichloroethane	ug/L	5 U	3 J	5 U	10 U	NS	5 U	5 U	NS	3 J	27 J	5 U	5 U	120 U
Carbon Tetrachloride	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Vinyl Acetate	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Bromodichloromethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
1,2-Dichloropropane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
cis-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Trichloroethene	ug/L	1 J	23	88	130	NS	26	7	NS	30	1300	86	31	2800
Dibromochloromethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
1,1,2-Trichloroethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Benzene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Bromoform	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
2-Hexanone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	200 U	10 U	10 U	250 U
Tetrachloroethene	ug/L	5 U	49	95	200	NS	24	5 U	NS	18	89 J	2 J	5 U	73 J
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Toluene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Chlorobenzene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Ethylbenzene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Styrene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 U
Xylene (total)	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	100 U	5 U	5 U	120 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.

Table 2-6 (continued)  
 Summary of Groundwater Analytical Results - February 1997  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-13	RFW-16 (500)	RFW-16 (DUP) (500)	RFW-17	RFW-18	RFW-19	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Field Blank	Trip Blank
Chloromethane	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Bromomethane	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Vinyl Chloride	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Chloroethane	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Methylene Chloride	ug/L	6 B	2000 BJ	1500 BJ	8 B	8 B	9 B	8 B	11 B	7 B	5 U	9 BJ	8 B	7 B
Acetone	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Carbon Disulfide	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
1,1-Dichloroethene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
1,1-Dichloroethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Chloroform	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
1,2-Dichloroethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
2-Butanone	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Carbon Tetrachloride	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Vinyl Acetate	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Bromodichloromethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
1,2-Dichloropropane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Trichloroethene	ug/L	5 J	31000	32000	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Dibromochloromethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Benzene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Bromoform	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
2-Hexanone	ug/L	10 U	5000 U	5000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Tetrachloroethene	ug/L	37	450 J	2500 U	5 U	5 U	5 U	5 U	5 U	4 J	5 U	10 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Toluene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Chlorobenzene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Ethylbenzene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Styrene	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
Xylene (total)	ug/L	5 U	2500 U	2500 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 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.  
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DUP = Duplicate sample  
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**Table 2-7**  
**Summary of Groundwater Analytical Results - May 1997**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	EW-1	EW-2	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10	RFW-1A	RFW-1B	RFW-2A
			(20)	(DUP) (20)	(10)	(25)	(10)			(2)	(5)				
Chloromethane	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Bromomethane	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Chloroethane	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	320 B	360 B	160 B	190 B	49 JB	3 JB	3 JB	7 JB	23 JB	NS	8 B	1 JB	3 JB
Acetone	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	2 J	10 U	25 U	NS	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	100 U	100 U	50 U	120 U	50 U	1 J	10	29	11 J	NS	5 U	5 U	5 U
Chloroform	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
2-Butanone	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	2 J	10 U	25 U	NS	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Vinyl Acetate	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Bromodichloromethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Trichloroethene	ug/L	NS	2800	3500	1200	3300	1600	9	15	17	14 J	NS	5 U	5 U	2 J
Dibromochloromethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Benzene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Bromoform	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
2-Hexanone	ug/L	NS	200 U	200 U	100 U	250 U	100 U	10 U	10 U	20 U	50 U	NS	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	92 J	100 J	29 J	72 J	29 J	44	34	190	940	NS	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Toluene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Styrene	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	5 U	5 U	5 U
Xylene (total)	ug/L	NS	100 U	100 U	50 U	120 U	50 U	5 U	5 U	10 U	25 U	NS	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.

Table 2-7 (continued)  
 Summary of Groundwater Analytical Results - May 1997  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10	RFW-10 (DUP) (10)	RFW-11A	RFW-11B	RFW-12B (25)
Chloromethane	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
Bromomethane	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
Vinyl Chloride	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
Chloroethane	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
Methylene Chloride	ug/L	2 JB	7 B	1 JB	14 B	NS	1 JB	5 U	NS	4 JB	66 B	78 B	1 JB	1 JB	120 JB
Acetone	ug/L	10 U	5 JB	10 U	20 U	NS	5 JB	10 U	NS	10 U	62 JB	100 U	10 U	10 U	250 U
Carbon Disulfide	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
1,1-Dichloroethene	ug/L	5 U	1 J	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
1,1-Dichloroethane	ug/L	5 U	2 J	5 U	10 U	NS	5 U	5 U	NS	5	50 U	50 U	5 U	5 U	120 U
1,2-Dichloroethene (total)	ug/L	5 U	47	5	6 J	NS	3 J	2 J	NS	12	50 U	50 U	5 U	5 U	120 U
Chloroform	ug/L	5 U	5 U	2 J	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
1,2-Dichloroethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
2-Butanone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
1,1,1-Trichloroethane	ug/L	5 U	3 J	5 U	10 U	NS	5 U	5 U	NS	3 J	28 J	29 J	5 U	5 U	120 U
Carbon Tetrachloride	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Vinyl Acetate	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
Bromodichloromethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
1,2-Dichloropropane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
cis-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Trichloroethene	ug/L	5 U	27	160	150	NS	26	8	NS	26	1900	1900	89	41	3200
Dibromochloromethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
1,1,2-Trichloroethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Benzene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Bromoform	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
2-Hexanone	ug/L	10 U	10 U	10 U	20 U	NS	10 U	10 U	NS	10 U	100 U	100 U	10 U	10 U	250 U
Tetrachloroethene	ug/L	5 U	50	260	230	NS	21	5 U	NS	12	44 J	43 J	2 J	5 U	74 J
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Toluene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Chlorobenzene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Ethylbenzene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Styrene	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 U
Xylene (total)	ug/L	5 U	5 U	5 U	10 U	NS	5 U	5 U	NS	5 U	50 U	50 U	5 U	5 U	120 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.

Table 2-7 (continued)  
 Summary of Groundwater Analytical Results - May 1997  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-13	RFW-16 (100)	RFW-17	RFW-18	RFW-19	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Field Blank	Trip Blank
Chloromethane	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Bromomethane	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Vinyl Chloride	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Chloroethane	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Methylene Chloride	ug/L	8 B	650 B	2 JB	1 JB	1 JB	1 JB	5 U	NS	NS	NS	2 JB	15 B
Acetone	ug/L	4 JB	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Carbon Disulfide	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,1-Dichloroethene	ug/L	1 J	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,1-Dichloroethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,2-Dichloroethene (total)	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Chloroform	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,2-Dichloroethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
2-Butanone	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
1,1,1-Trichloroethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Carbon Tetrachloride	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Vinyl Acetate	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Bromodichloromethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,2-Dichloropropane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
cis-1,3-Dichloropropene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Trichloroethene	ug/L	9	20000	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Dibromochloromethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,1,2-Trichloroethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Benzene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Bromoform	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
4-Methyl-2-pentanone	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
2-Hexanone	ug/L	10 U	1000 U	10 U	10 U	10 U	10 U	10 U	NS	NS	NS	10 U	10 U
Tetrachloroethene	ug/L	55	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
1,1,1,2-Tetrachloroethane	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Toluene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Chlorobenzene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Ethylbenzene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Styrene	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	5 U	5 U
Xylene (total)	ug/L	5 U	500 U	5 U	5 U	5 U	5 U	5 U	NS	NS	NS	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.

**SECTION 3**  
**OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM**

A summary of the maintenance activities which were undertaken with the extraction and treatment system during the reporting period (July 1996 through June 1997) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate, or other routine activities).

**Table 3-1**  
**Treatment System Maintenance Activities (July 1996 through June 1997)**  
**Black & Decker**  
**Hampstead, Maryland**

Date	Event/Corrective Action
August 1996	Pump P-11 at air stripper shutdown due to leaking shaft and seal.
September 1996	Pump P-11 operational after installation of new shaft and replacement of seal.
September 1996	Extraction well EW-5 not operating. Checked out motor winding and power wire and cleared control valve of rust and dirt. EW-5 operating properly.
January 1997	Check-valves on pumps P-11 and P-12 at air stripper not operating properly.
February 1997	Replaced check-valves on pumps P-11 and P-12 at air stripper.
March 1997	Extraction well EW-3 pumping at lower rate. Cleaned control valve and regulator and replaced check-valve. EW-3 operating properly.
May 1997	Extraction well EW-10 not operating. Pump not working. Replace pump and motor. EW-10 operating properly.
June 1997	Alarm not functioning properly at air stripper. Need part for Kent totalizer. Contractor is currently working on fixing the problem.
June 1997	While installing water line at air stripper, determined that the treatment system is not automatically shutting down when blower is turned off. Contractor is currently working on fixing the problem.



**SECTION 4**  
**TREATMENT SYSTEM PERFORMANCE EVALUATION**

During the reporting period of July 1996 to June 1997, water levels were collected on a monthly basis and, each month, water levels were evaluated to determine if an effective capture zone was maintained. Pumping rates were adjusted, as necessary, to ensure hydraulic control across the site without excessive drawdown. Significant drawdown has been observed in both shallow and deeper monitor wells throughout the long-term pumping of the extraction well system, indicating that considerable interconnection exists between the shallow and deeper groundwater.

As evidenced by the groundwater potentiometric surface contour map (see Figure 2-1), groundwater flow is still principally to the southwest, with some components to the south and east. However, depressions in the potentiometric surface, due to the pumping of the extraction wells, are evident on the map, and the flow lines indicate that direction of groundwater flow is toward the extraction wells. The system as presently configured is successful in meeting the objective of capture of groundwater flow on-site, prohibiting the potential off-site migration of contaminated groundwater. The system is also successful in treating the collected groundwater to remove the VOCs from the water. The treated discharge does not show the presence of VOCs.

**SECTION 5**  
**RECOMMENDATIONS**

As discussed in Section 4, the treatment system has created a hydraulic boundary preventing off-site migration of groundwater. Operation of the extraction system as currently configured will continue, adjusting pumping rates as necessary according to the amount of groundwater recharge. Operation of the treatment system as currently configured will also continue, because the treatment system is fully effective in removing VOCs from the extracted groundwater.

**APPENDIX A**  
**WITHDRAWAL REPORTS**

MARYLAND DEPARTMENT OF THE ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION  
WATER RIGHTS DIVISION  
2500 BROENING HIGHWAY  
BALTIMORE, MARYLAND 21224

December 13, 1996

Regarding Water Appropriation and Use Permit CL66G029(06)

Make Name/Address Changes Below

BLACK & DECKER (U.S.) INC.  
626 HANOVER PIKE  
ATTN; EARL WEDDLE  
HAMPSTEAD, MD 21074

Dear Permittee:

As a condition of your Maryland Water Appropriation and Use Permit you are required to report your water withdrawal every six months. Complete and return this form no later than January 31, 1997. If you have any questions concerning this form, please telephone the Water Rights Division at (410) 631-3591.

1996 SEMI-ANNUAL GROUND WATER WITHDRAWAL REPORT

1. Check the method used to determine your withdrawal amounts:  
(X) Flow Meter ( ) Elapsed Time Indicator  
( ) Other (Explain)
2. Enter the number of gallons of water withdrawn for each month.
  - If you have multiple intakes under this permit, please add together the monthly totals for all intakes.
  - Do not list continuous meter readings, hours pumped, or gallons in mgd.
  - Indicate a "0" for each month with no withdrawal.

July	1996	<u>7,626,823</u>	October	1996	<u>7,872,587</u>
August	1996	<u>7,622,697</u>	November	1996	<u>7,738,809</u>
September	1996	<u>7,027,815</u>	December	1996	<u>7,904,413</u>
Total:		<u>45,793,144</u>			

3. Please sign and date this form.

Submitted By: Earl Weddle Date: 01/07/97  
Title: Water Superintendent Telephone Number: 410-239-5528

4. Make address corrections on the top of this form.  
Please contact this office if ownership has changed.



**APPENDIX B**

**DISCHARGE MONITORING REPORTS**

PERMITTEE NAME AND ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

FACILITY:  
 LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
96	07	01	96	07	31

FROM (20-21) (22-23) (24-25) TO (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)						
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS									
FLOW	SAMPLE MEASUREMENT	0.341	1.189	MGD					0	CONTINUOUS	MEASURED						
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								CONTINUOUS						
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5			1/MONTH	GRAB						
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5			1/MONTH	GRAB						
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5			1/MONTH	GRAB						
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	3/MONTH	GRAB						
	PERMIT REQUIREMENT						<0.1			1/MONTH	GRAB						
OIL & GREASE	SAMPLE MEASUREMENT						ND	mg/l	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						10	15		1/MONTH	GRAB						
pH	SAMPLE MEASUREMENT				7.00		8.05	STD	0	2/WEEK	GRAB						
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB						
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE							
LaVere N. Grimes Facilities Manager									SIGNATURE OF PRINCIPAL EXECUTIVE <i>LaVere N. Grimes</i>							410-239-5555	96   08   13
TYPED OR PRINTED									OFFICER OR AUTHORIZED AGENT							AREA CODE-NUMBER	YEAR   MO   DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	07	01	96	07	31

(20-21)

(22-25)

(24-25)

(26-27)

(28-26)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only)			QUALITY OR CONCENTRATION (4 Card Only)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)				UNITS
BOD	SAMPLE MEASUREMENT						3	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						10	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 96 | 08 | 13  
 AREA CODE-NUMBER: 410-239-5555  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



PERMITTEE NAME AND ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FOR APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

FACILITY:  
 LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	07	01	96	07	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.547	0.612	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED
FECAL COLIFORM	SAMPLE MEASUREMENT					ND	MPN/ 100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT					200			1/WEEK	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 96 | 08 | 13  
 AREA CODE-NUMBER: 410-239-5555  
 YEAR | MO | DAY: 96 | 08 | 13

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**201**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	07	01		96	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.246	0.259	MGD					0	1/MONTH	GRAB
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A				
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A				
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 1 year.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

96 | 08 | 13

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME: (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
96	08	01	96	08	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW	SAMPLE MEASUREMENT	0.324	1.025	MGD					0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS	MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	3/MONTH	GRAB
	PERMIT REQUIREMENT						<0.1			1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT						ND	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10	ND			1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.46		7.49	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
LaVere N. Grimes Facilities Manager								SIGNATURE OF PRINCIPAL EXECUTIVE <i>LaVere N. Grimes</i>		410-239-5555	
TYPED OR PRINTED		OFFICER OR AUTHORIZED AGENT						AREA CODE-NUMBER		YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE  
HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
OMB No.2040-0004

**93-DP-0022**  
PERMIT NUMBER  
(2-16)

**001**  
DISCHARGE NUMBER  
(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

YEAR	MO	DAY	YEAR	MO	DAY
96	08	01	96	08	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)						
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS									
		(54-61)	(54-61)	(54-61)	(46-53)	(46-53)	(54-61)	(54-61)									
<b>BOD</b>	SAMPLE MEASUREMENT							<b>5</b>	mg/l	0	1/MONTH	GRAB					
	PERMIT REQUIREMENT							<b>15</b>			1/MONTH	GRAB					
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT							<b>14</b>	mg/l	0	1/MONTH	GRAB					
	PERMIT REQUIREMENT					<b>20</b>	<b>30</b>				1/MONTH	GRAB					
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
	SAMPLE MEASUREMENT																
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	PERMIT REQUIREMENT																
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 1 year.)							TELEPHONE	DATE							
<b>LaVere N. Grimes Facilities Manager</b>									<i>LaVere N. Grimes</i>							410-239-5555	96   09   06
TYPED OR PRINTED									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE-NUMBER	YEAR   MO   DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME: **BLACK & DECKER (U.S.) INC.**

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE  
HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

APPROVED  
OMB No. 2040-0004

**93-DP-0022**  
PERMIT NUMBER

**101**  
DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
96	08	01	96	08	31	
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)	

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.577	0.607	MGD					0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS	MEASURED
FECAL COLIFORM	SAMPLE MEASUREMENT					ND		MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT					200				1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
Facilities Manager

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

96 | 09 | 06

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE  
HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
OMB No.2040-0004

**93-DP-0022**  
PERMIT NUMBER

**201**  
DISCHARGE NUMBER

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
96	08	01	96	08	31

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.219	0.265	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NOTE: Read instructions before completing this form.

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
Facilities Manager  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
DATE: 96 | 09 | 06  
AREA CODE-NUMBER: YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER  
 (2-16)

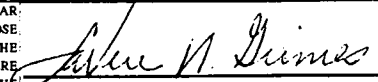
**001**  
 DISCHARGE NUMBER  
 (17-19)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	09	01	96	09	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.263	0.806	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND		0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND		0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND		0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1		0	3/MONTH GRAB	
	PERMIT REQUIREMENT						<0.1	mg/l		1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT						ND	ND	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						10	15	mg/l	1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.48		7.17		0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE		
LaVere N. Grimes Facilities Manager								410-239-5555	96   10   07		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE-NUMBER	YEAR   MO   DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER  
 (2-16)

**001**  
 DISCHARGE NUMBER  
 (17-19)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	09	01	96	09	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
BOD	SAMPLE MEASUREMENT							6	0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15		1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT					10		7	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20		30		1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 96 | 10 | 07  
 AREA CODE-NUMBER: 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



PERMITTEE NAME/ (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB NO. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER  
 (2-16)

**101**  
 DISCHARGE NUMBER  
 (17-19)

FACILITY:  
 LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
96	09	01	96	09	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.544	0.567	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT						ND	MPN/ 100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT						200			1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE	
LaVere N. Grimes Facilities Manager									SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
TYPED OR PRINTED									AREA CODE-NUMBER	YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**

**DISCHARGE MONITORING REPORT (DMR)**

OMB No.2040-0004

ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

**93-DP-0022**  
PERMIT NUMBER  
(2-16)

**201**  
DISCHARGE NUMBER  
(17-19)

FACILITY: \_\_\_\_\_

**MONITORING PERIOD**

YEAR	MO	DAY	YEAR	MO	DAY
96	09	01	96	09	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW	SAMPLE MEASUREMENT	0.234	0.262	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
Facilities Manager  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
DATE: 96 | 10 | 07  
AREA CODE-NUMBER: 410-239-5555  
YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER


FACILITY:

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	10	01		96	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)						
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS									
FLOW	SAMPLE MEASUREMENT	0.25	0.272	MGD					0	CONTINUOUS MEASURED							
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED							
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5	ppb		1/MONTH	GRAB						
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5	ppb		1/MONTH	GRAB						
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5	ppb		1/MONTH	GRAB						
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1		0	4/MONTH	GRAB						
	PERMIT REQUIREMENT						<0.1	mg/l		1/MONTH	GRAB						
OIL & GREASE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						10	15	mg/l	1/MONTH	GRAB						
pH	SAMPLE MEASUREMENT				6.27		7.01		0	2/WEEK	GRAB						
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK	GRAB						
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE							
LaVere N. Grimes Facilities Manager									 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							410-239-5555	96   11   02
TYPED OR PRINTED																AREA CODE-NUMBER	YEAR   MO   DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-19)

FACILITY:

**MONITORING PERIOD**

LOCATION: **CARROLL COUNTY**

FROM YEAR **96** MO **10** DAY **01** TO YEAR **96** MO **10** DAY **31**

(20-21)

(22-25)

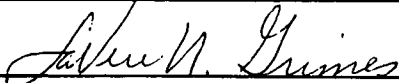
(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)							
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS						
<b>BOD</b>	SAMPLE MEASUREMENT								0	1/MONTH	GRAB						
	PERMIT REQUIREMENT									1/MONTH	GRAB						
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT								0	1/MONTH	GRAB						
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB						
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
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	SAMPLE MEASUREMENT																
	PERMIT REQUIREMENT																
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE							
<b>LaVere N. Grimes</b> Facilities Manager									 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							410-239-5555	96   11   02
TYPED OR PRINTED																AREA CODE-NUMBER	10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

(2-16)

(17-19)

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	10	01	96	10	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.553	0.56	MGD					0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								CONTINUOUS
FECAL COLIFORM	SAMPLE MEASUREMENT						ND	MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT						200			1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

96 | 11 | 02

YEAR | MO | DAY

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**      **201**  
 PERMIT NUMBER      DISCHARGE NUMBER

(2-16)

(17-15)

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM 

YEAR	MO	DAY
96	10	01

 TO 

YEAR	MO	DAY
96	10	31

(20-21)

(22-25)

(24-25)

(26-27)

(28-26)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.254	0.272	MGD				0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS	MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A		1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A		1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A		1/MONTH	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE      DATE  
 410-239-5555      96 | 11 | 02  
 AREA CODE-NUMBER      YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**NAME: BERCK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB NO. 40-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

FACILITY:  
 LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
96	11	01	96	11	30

FROM (2-16) (20-21) (22-23) (24-25) TO (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (54-61)	UNITS	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.29	0.962	MGD				0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS	MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5	ppb	1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5	ppb	1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5	ppb	1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	0	3/MONTH	GRAB
	PERMIT REQUIREMENT						<0.1	mg/l	1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT						ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						10	mg/l	1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.69		7.41	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50	STD	2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE  
 410-239-5555 96 | 12 | 05  
 AREA CODE-NUMBER YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY: \_\_\_\_\_

**MONITORING PERIOD**

LOCATION: **CARROLL COUNTY**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	11	01		96	11	30
	(20-21)	(22-23)	(24-25)		(28-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
BOD	SAMPLE MEASUREMENT								0	1/MONTH	GRAB
	PERMIT REQUIREMENT							mg/l	15	1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT								0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30	mg/l	1/MONTH	GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 1 year.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 96 | 12 | 05  
 AREA CODE-NUMBER: 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**BLACK & DECKER (U.S.) INC.**  
**626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB NO. 40-0004

**93-DP-0022**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

(2-16)

(17-19)

FACILITY:

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	11	01		96	11	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.544	0.557	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT						ND	MPN/100ml	0	1/WEEK GRAB	
	PERMIT REQUIREMENT						200			1/WEEK GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**410-239-5555**  
 AREA CODE-NUMBER

DATE  
**96 | 12 | 05**  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**201**  
 DISCHARGE NUMBER

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	11	01	96	11	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.258	0.279	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 96 | 12 | 05  
 AREA CODE-NUMBER: 410-239-5555  
 YEAR | MO | DAY: 96 | 12 | 05

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022** **001**  
 PERMIT NUMBER DISCHARGE NUMBER

(2-16) (17-19)

FACILITY:

**MONITORING PERIOD**

LOCATION: **CARROLL COUNTY**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	12	01		96	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.589	1.492	MGD					0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS	MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5	ppb		1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5	ppb		1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5	ppb		1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1		0	3/MONTH	GRAB
	PERMIT REQUIREMENT						<0.1	mg/l		1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT						ND	ND	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						10	15	mg/l	1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.54		7.33		0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE **410-239-5555** DATE **97 | 01 | 03**  
 AREA CODE-NUMBER YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE**

**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**

PERMIT NUMBER

(2-16)

**001**

DISCHARGE NUMBER

(17-19)

**MONITORING PERIOD**

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	12	01	96	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FACILITY:

LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
<b>BOD</b>	SAMPLE MEASUREMENT						<b>8</b>	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						<b>15</b>			1/MONTH	GRAB
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT					<b>8</b>	<b>12</b>	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					<b>20</b>	<b>30</b>			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes  
Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 01 | 03

10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE MINIMATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER  
 (2-16)

**101**  
 DISCHARGE NUMBER  
 (17-19)

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	12	01		96	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

FACILITY:  
 LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.543	0.547	MGD					0	1WEEK	GRAB
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
FECAL COLIFORM	SAMPLE MEASUREMENT					ND	MPN/ 100ml	0	1WEEK	GRAB	
	PERMIT REQUIREMENT					200					
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  <b>LaVere N. Grimes</b> Facilities Manager  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>LaVere N. Grimes</i>	TELEPHONE  410-239-5555	DATE  97   01   03
		AREA CODE-NUMBER	YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**93-DP-0022** **201**  
 PERMIT NUMBER DISCHARGE NUMBER

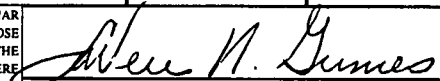
(2-16) (17-19)

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	12	01	96	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FACILITY:  
 LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.255	0.266	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER <b>LaVere N. Grimes</b> Facilities Manager TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			410-239-5555	97   01   03
COMMENT AND EXPLANATION OF ANY VIOLATIONS		(Reference all attachments here)	AREA CODE-NUMBER	YEAR   MO   DAY

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE**

**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**  
PERMIT NUMBER

**001**  
DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	01	01	97	01	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.272	0.362	MGD				0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS	MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1	mg/l	0	3/MONTH	GRAB
	PERMIT REQUIREMENT					<0.1			1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT					ND	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10	15		1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.86	7.30	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00	8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 02 | 04

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	01	01		97	01	31
	(20-21)	(22-25)	(24-25)		(26-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD	SAMPLE MEASUREMENT							4	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT							7	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT							20		30		1/MONTH
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 410-239-5555  
 AREA CODE-NUMBER

DATE  
 97 | 02 | 04  
 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE**

**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**  
PERMIT NUMBER

**101**  
DISCHARGE NUMBER

(2-16)

(17-19)

**MONITORING PERIOD**

FROM  
YEAR MO DAY  
**97 01 01**

TO  
YEAR MO DAY  
**97 01 31**

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

FACILITY:

LOCATION: **CARROLL COUNTY**

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.552	0.567	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT					ND	MPN/100ml		0	1/WEEK	GRAB
	PERMIT REQUIREMENT					200				1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 02 | 04

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**201**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	01	01	97	01	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.257	0.283	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 02 | 04

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	02	01		97	02	28
	(20-21)	(22-25)	(24-25)		(28-27)	(28-25)	(30-31)

FACILITY:

LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.2	0.294	MGD					0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS	MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	3/MONTH	GRAB
	PERMIT REQUIREMENT						<0.1			1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT						ND	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						10	15		1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.79		8.04	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVeré N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVeré N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 410-239-5555  
 AREA CODE-NUMBER

DATE  
 97 | 03 | 04  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS  
 (Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED

OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-15)

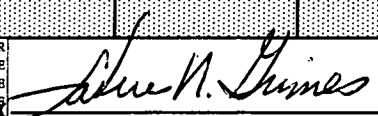
FACILITY:

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	02	01		97	02	28
	(20-21)	(22-25)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)					
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS				
<b>BOD</b>	SAMPLE MEASUREMENT							0	1/MONTH	GRAB					
	PERMIT REQUIREMENT								1/MONTH	GRAB					
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT							0	1/MONTH	GRAB					
	PERMIT REQUIREMENT					20	30		1/MONTH	GRAB					
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
	SAMPLE MEASUREMENT														
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	SAMPLE MEASUREMENT														
	PERMIT REQUIREMENT														
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE	DATE						
<b>LaVere N. Grimes</b> <b>Facilities Manager</b>														410-239-5555	97   03   04
TYPED OR PRINTED														SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME AND ADDRESS: (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
97	02	01	97	02	28
(20-21)	(22-23)	(24-25)	(28-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.544	0.557	MGD					0	CONTINUOUS	MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS	MEASURED
FECAL COLIFORM	SAMPLE MEASUREMENT						ND	MPN/ 100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT						200			1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 03 | 04

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**201**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	02	01	97	02	28
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT	0.251	0.268	MGD					0	CONTINUOUS	MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS	MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						ND	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)							TELEPHONE		DATE	
LaVere N. Grimes Facilities Manager									410-239-5555		97   03   04	
TYPED OR PRINTED									AREA CODE-NUMBER		YEAR   MO   DAY	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT												

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**BLACK & DECKER (U.S.) INC.**  
**626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

FORM NO. 3320-1  
 OMB NO. 2000-0004

**DISCHARGE MONITORING REPORT (DMR)**

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	03	01		97	03	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

FACILITY:  
 LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only)			QUALITY OR CONCENTRATION (4 Card Only)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.27	0.415	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1	mg/l	0	3/MONTH	GRAB
	PERMIT REQUIREMENT					<0.1			1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT					ND	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10			15	1/MONTH
pH	SAMPLE MEASUREMENT				6.88	7.25	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00	8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 410-239-5555  
 AREA CODE-NUMBER  
 DATE  
 97 | 04 | 02  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**93-DP-0022**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD								
FROM			TO					
YEAR	MO	DAY	YEAR	MO	DAY			
97	03	01	97	03	31			
(20-21)	(22-23)	(24-25)	(26-27)	(28-26)	(30-31)			

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD	SAMPLE MEASUREMENT							12	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT					8		8	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20		30			1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 97 | 04 | 02  
 AREA CODE-NUMBER: 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

**93-DP-0022**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
97	03	01	97	03	31
(20-21)	(22-25)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.553	0.554	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT					ND	MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT					200			1/WEEK	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 97 | 04 | 02  
 AREA CODE-NUMBER: 410-239-5555  
 YEAR | MO | DAY: 97 | 04 | 02

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**93-DP-0022**  
 PERMIT NUMBER  
 (2-16)

**201**  
 DISCHARGE NUMBER  
 (17-15)

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
97	03	01	97	03	31
(20-21)	(22-25)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.251	0.278	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					ND	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 410-239-5555  
 AREA CODE-NUMBER  
 DATE  
 97 | 04 | 02  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BANK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-15)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	04	01	97	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.277	1.165	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					5			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					5			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					5			1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1	mg/l	0	4/MONTH GRAB	
	PERMIT REQUIREMENT					<0.1			1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT					<5	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					10	15		1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.35	8.12	STD	0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00	8.50			2/WEEK GRAB	

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 05 | 02

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

DISCHARGE MONITORING REPORT (DMR)

OMB No.2040-0004

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-15)

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
97	04	01	97	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-25)	(30-31)

FACILITY:  
 LOCATION: **CARROLL COUNTY**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE (46-53)	MAXIMUM (54-61)				
<b>BOD</b>	SAMPLE MEASUREMENT							6	0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15		1/MONTH	GRAB
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT							6	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**410-239-5555**  
 AREA CODE-NUMBER

DATE  
**97 | 05 | 02**  
 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME: **WALK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

DISCHARGE MONITORING REPORT (DMR)

OMB 100-0004

**MD0001881**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY: \_\_\_\_\_

MONITORING PERIOD

LOCATION: **CARROLL COUNTY**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	04	01		97	04	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.531	0.543	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2		MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT					200				1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 4 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 97 | 05 | 02  
 AREA CODE-NUMBER: \_\_\_\_\_  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

DISCHARGE MONITORING REPORT (DMR)

OMB No.2040-0004

**MD0001881**  
 PERMIT NUMBER

**201**  
 DISCHARGE NUMBER

(2-16)

(17-19)

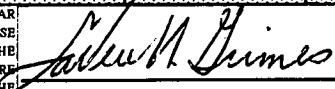
FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
97	04	01	97	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.254	0.273	MGD				0		CONTINUOUS MEASURED
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					N/A				1/MONTH
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					N/A				1/MONTH
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					N/A				1/MONTH
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  <b>LaVere N. Grimes</b> <b>Facilities Manager</b>  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)		TELEPHONE	DATE
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-239-5555
			AREA CODE-NUMBER	YEAR   MO   DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS \_\_\_\_\_ (Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

**DISCHARGE MONITORING REPORT (DMR)**

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

(2-16)

(17-16)

**MONITORING PERIOD**

FROM YEAR **97** MO **05** DAY **01** TO YEAR **97** MO **05** DAY **31**

(20-21) (22-23) (24-25) (26-27) (28-28) (30-31)

NOTE: Read instructions before completing this form.

FACILITY:

LOCATION: **CARROLL COUNTY**

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.187	0.286	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1	mg/l	0	3/MONTH	GRAB
	PERMIT REQUIREMENT					<0.1			1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT					<5	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10		15		1/MONTH
pH	SAMPLE MEASUREMENT				6.46	8.06	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00	8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**LaVere N. Grimes**  
**Facilities Manager**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 4 years.)

*LaVere N. Grimes*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-239-5555

AREA CODE-NUMBER

DATE

97 | 06 | 04

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**

ADDRESS: **626 HANOVER PIKE**

**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
OMB No. 2040-0004

**MD0001881**  
PERMIT NUMBER

**001**  
DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY:

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD								
FROM			TO					
YEAR	MO	DAY	YEAR	MO	DAY			
97	05	01	97	05	31			
(20-21)	(22-23)	(24-25)	(26-27)	(28-26)	(30-31)			

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
<b>BOD</b>	SAMPLE MEASUREMENT									0	1/MONTH	GRAB
	PERMIT REQUIREMENT										1/MONTH	GRAB
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT						5			0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30				1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
Facilities Manager  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
DATE: 97 | 06 | 04  
AREA CODE-NUMBER: 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**NAME: BLACK & DECKER (U.S.) INC.**  
**ADDRESS: 626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

FORM NO. 3320-1 (REV. 9-88)  
 OMB NO. 2030-0004

**MD0001881**  
 PERMIT NUMBER

**101**  
 DISCHARGE NUMBER

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

**MONITORING PERIOD**

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	05	01	97	05	31
(20-21)	(22-23)	(24-25)	(28-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW	SAMPLE MEASUREMENT	0.278	0.284	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2	MPN/100ml	0	1/WEEK GRAB	
	PERMIT REQUIREMENT					200			1/WEEK GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 97 | 06 | 04  
 AREA CODE-NUMBER: 410  
 YEAR | MO | DAY: 97 | 06 | 04

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

**MD0001881**  
 PERMIT NUMBER

**201**  
 DISCHARGE NUMBER

(2-16)

(17-16)

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
97	05	01	97	05	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-26)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.241	0.255	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  <b>LaVere N. Grimes Facilities Manager</b>  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 4 years.)	<i>LaVere N. Grimes</i>  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			410-239-5555	97   06   04
			AREA CODE-NUMBER	YEAR   MO   DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS \_\_\_\_\_ (Reference all attachments here)

NAME: **K & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

DISCHARGE MONITORING REPORT (DMR)  
 PERMIT NUMBER: **MD0001881**  
 DISCHARGE NUMBER: **001**

OMB 10-0004

FACILITY:  
 LOCATION: **CARROLL COUNTY**

MONITORING PERIOD  
 FROM: YEAR **97** MO **06** DAY **01** TO YEAR **97** MO **06** DAY **30**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.135	0.175	MGD				0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					5			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					5			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					5			1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1	mg/l	0	4/MONTH GRAB	
	PERMIT REQUIREMENT					<0.1			1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT					<5	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					10			1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.42	7.78		0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00	8.50		STD	2/WEEK GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE	DATE	
<b>LaVere N. Grimes</b> Facilities Manager	<i>LaVere N. Grimes</i>							410-239-5555	97   07   01	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							AREA CODE-NUMBER	YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

DISCHARGE MONITORING REPORT (DMR)

**MD0001881**  
 PERMIT NUMBER  
 (2-16)

**001**  
 DISCHARGE NUMBER  
 (17-16)

FORM APPROVED  
 OMB No.2040-0004

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	97	06	01		97	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
BOD	SAMPLE MEASUREMENT					3.33	2		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15	mg/l		1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT					5	4		0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30	mg/l		1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-239-5555  
 DATE: 97 | 07 | 01  
 AREA CODE-NUMBER: 10.3

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

DISCHARGE MONITORING REPORT (DMR)  
**MD0001881**  
 PERMIT NUMBER  
 (2-16)

**101**  
 DISCHARGE NUMBER  
 (17-16)

FORM NO. 3320-1  
 OMB NO. 40-0004

FACILITY: \_\_\_\_\_

LOCATION: **CARROLL COUNTY**

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
97	06	01	97	06	30

FROM (20-21) (22-25) (24-25) TO (26-27) (28-25) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW	SAMPLE MEASUREMENT	0.477	0.549	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2	MPN/100ml	0	1/WEEK	GRAB	
	PERMIT REQUIREMENT					200			1/WEEK	GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**LaVere N. Grimes**  
**Facilities Manager**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**410-239-5555**  
 AREA CODE-NUMBER

DATE  
**97 | 07 | 01**  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS (provide facility name/location if different)  
 NAME: **BLACK & DECKER (U.S.) INC.**  
 ADDRESS: **626 HANOVER PIKE**  
**HAMPSTEAD, MD. 21074**

DISCHARGE MONITORING REPORT (DMR)

OMB No.2040-0004

**MD0001881**  
 PERMIT NUMBER  
 (2-16)

**201**  
 DISCHARGE NUMBER  
 (17-16)

FACILITY:  
 LOCATION: **CARROLL COUNTY**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
97	06	01	97	06	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.245	0.274	MGD					0	CONTINUOUS MEASURED	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							CONTINUOUS MEASURED	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  <b>LaVere N. Grimes</b> Facilities Manager	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE
		410-239-5555	97   07   01
TYPED OR PRINTED		AREA CODE-NUMBER	YEAR   MO   DAY

*LaVere N. Grimes*  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

**APPENDIX C**

**PRE-TREATMENT ANALYTICAL RESULTS**

# Gascoyne Laboratories, Inc.

Baltimore, MD 21224-6697

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443



Report No. 96-07-074

Report Date: July 17, 1996

Report To: Black & Decker Company

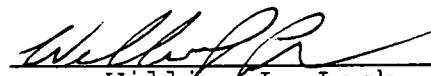
Page: 2 of 8

Sample I.D. Grab Water sample taken by Gascoyne Laboratories, Inc. on 7/3/96 (0943) from the Black & Decker facility located at 626 Hanover Pike, Hampstead, MD: Air Stripper 2 (Pre)

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (4)	10	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	5	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	200	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	940	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN,MST; Date Test Completed: 07/16/96.
- (4) Reported as the sum of cis and trans isomers.

  
William L. Lock  
Laboratory Director



# Gascoyne Laboratories, Inc.

Baltimore, MD 21224-6697

## REPORT OF ANALYSIS

(410) 633-1000  
(800) GAS-CO  
FAX NO.  
(410) 633-5443



Report No. 96-08-150

Report Date: August 20, 1996

Report To: Black & Decker Company


Page: 3 of 8

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc. on 8/7/96 (1056) at the Black & Decker facility located at 626 Hanover Pike, Hampstead, MD:  
Air Stripper #2 (Pre)

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	6	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	210	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	1,100	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN; Date Test Completed: 08/19/96.

  
William L. Lock  
Laboratory Director

# Gascoyne Laboratories, Inc.

Baltimore, MD 21224-6697

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443



Report No. 96-09-053

Report Date: September 18, 1996

Report To: Black & Decker Company

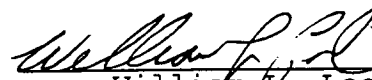
Page: 2 of 6

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc. on 09/04/96 (0947) from the Black & Decker Company facility located on 626 Hanover Pike, Hampstead, MD: Air Stripper #2 Pre

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
Total-1,2-Dichloroethene	5	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	5	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	240	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	910	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN; Date Test Completed: 09/17/96.

  
William W. Lock  
Laboratory Director

# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB...

Baltimore, MD 21224

(410) 633-1800

(800) GAS-CO

FAX NO.

(410) 633-5443

## REPORT OF ANALYSIS

Report No. 96-10-049

Report Date: October 16, 1996

Report To: Black & Decker Company

Page: 2 of 7

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc. on 10/02/96 (0947) from the Black & Decker Company facility located on 626 Hanover Pike, Hampstead, MD: Air Stripper #2 (Pre)

<u>Compound</u>	<u>Results</u>	<u>Detection Limits</u>
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	17	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	140	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	<5	5
Trichloroethene	1,200	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as micrograms/liter (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN; Date Test Completed: 10/10/96.

William L. Lock  
Laboratory Director

# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB..

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443

Report No. 96-11-163

Report Date: November 15, 1996

Report To: Black & Decker Company

Page: 3 of 8

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc. on 11/07/96 (0925) from the Black & Decker Company facility located on 626 Hanover Pike, Hampstead, MD: Air Stripper #2 (Pre)

<u>Compound</u>	<u>Results</u>	<u>Detection Limits</u>
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	ND	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	6	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	150	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	1100	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as micrograms/liter (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): MST, AB, SJN; Date Test Completed: 11/14/96.

William L. Lock  
Laboratory Director



# Gascoyne Laboratories, Inc.

YOUR **ON-TIME** QUALITY LAB.

Baltimore, MD 21224

(410) 633-1800

(800) GAS-CO

FAX NO.

(410) 633-5443

## REPORT OF ANALYSIS

Report No. 96-12-072

Report Date: December 17, 1996

Report To: Black & Decker Company


Page: 2 of 7

Sample I.D. Grab Water sample taken by Gascoyne Laboratories, Inc on 12/04/96 (0858) at the Black and Decker Facility located at 626 Hanover Pike, Hampstead, MD: Air Stripper #2 Pre

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	<5	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	160	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	1,000	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN,AB; Date Test Completed: 12/07/96.

  
Thomas A. McVicker  
QA/QC Officer

# Gascoyne Laboratories, Inc.



YOUR ON-TIME QUALITY LAB...

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443

Report No. 97-01-140

Report Date: January 22, 1997

Report To: Black & Decker Company

Page: 2 of 7

Sample I.D. Grab Water sample taken by Gascoyne Laboratories, Inc. on 01/08/97 (0955) from the Black & Decker facility located at 626 Hanover Pike, Hampstead, MD: Air Stripper #2 (Pre)

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	<5	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	220	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	1,000	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN,DMJ; Date Test Completed: 01/21/97.

William L. Lock  
Laboratory Director

# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB...

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800  
(800) GAS-1800  
FAX NO.  
(410) 633-5443

Report No. 97-02-081

Report Date: February 19, 1997

Report To: Black & Decker Company

Page: 3 of 11

Sample I.D. Grab Water sample taken by Gascoyne Laboratories, Inc. on 2/5/97 (0816) from the Black & Decker facility located at 626 Hanover Pike, Hampstead, MD:  
Air Stripper #2 (PRE)

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	<5	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	190	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	1,000	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN/AB; Date Test Completed: 02/11/97.

William L. Lock  
Laboratory Director

Please see reverse side for explanation of terms and other information.

# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB...

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443

Report No. 97-03-100

Report Date: March 19, 1997

Report To: Black & Decker Company

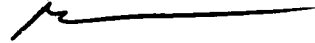
Page: 2 of 6

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc.  
on 3/5/97 (0844) at the Black & Decker facility  
located at 626 Hanover Pike, Hampstead, MD: Air Stripper #2 Pre

Compound	Results	Detection Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	<5	5
Acrolein	ND	100
Acrylonitrile	ND	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
1,1,1-Trichloroethane	5	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
2-Chloroethylvinyl ether	ND	10
Bromoform	ND	5
Tetrachloroethene	220	5
1,1,2,2-Tetrachloroethane	ND	5
Ethylbenzene	ND	5
1,1-Dichloroethene	ND	5
Trichloroethene	890	5
Benzene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): SJN; Date Test Completed: 03/14/97.

  
Thomas A. McVicker  
QA/QC Officer



# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB<sup>™</sup>

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800  
(800) GAS-  
FAX NO.  
(410) 633-5443

Report No. 9700088

Report Date: April 17, 1997

Report To: Black & Decker Company

Page: 2 of 10

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc.  
on 4/3/97 (0947) at the Black & Decker facility  
located at 626 Hanover Pike, Hampstead, MD: Air Stripper #2 Pre

Compound	Results	Detection Limits
Chloromethane	<10	10
Bromomethane	<10	10
Vinyl chloride	<10	10
Chloroethane	<10	10
Methylene chloride	<5	5
Acrolein	<100	100
Acrylonitrile	<100	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	<5	5
trans-1,2-Dichloroethene	<5	5
Chloroform	<5	5
1,2-Dichloroethane	<5	5
1,1,1-Trichloroethane	<5	5
Carbon tetrachloride	<5	5
Bromodichloromethane	<5	5
1,2-Dichloropropane	<5	5
cis-1,3-Dichloropropene	<5	5
trans-1,3-Dichloropropene	<5	5
Dibromochloromethane	<5	5
1,1,2-Trichloroethane	<5	5
2-Chloroethylvinyl ether	<10	10
Bromoform	<5	5
Tetrachloroethene	190	5
1,1,2,2-Tetrachloroethane	<5	5
Ethylbenzene	<5	5
1,1-Dichloroethene	<5	5
Trichloroethene	1,100	5
Benzene	<5	5
Toluene	<5	5
Chlorobenzene	<5	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): TLN; Date Test Completed: 04/16/97.

William L. Lock  
Laboratory Director

# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB...

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443

Report No. 9700839

Report Date: May 22, 1997

Report To: Black & Decker Company

Page: 2 of 7

Sample I.D. Grab Water Sample taken by Gascoyne Laboratories, Inc.  
on 5/7/97 (0932) at the Black & Decker facility  
located at 626 Hanover Pike, Hampstead, MD: Air Stripper #2 Pre

Compound	Results	Detection Limits
Chloromethane	<10	10
Bromomethane	<10	10
Vinyl chloride	<10	10
Chloroethane	<10	10
Methylene chloride	<5	5
Acrolein	<100	100
Acrylonitrile	<100	100
Trichlorofluoromethane	<5	5
1,1-Dichloroethane	<5	5
trans-1,2-Dichloroethene	<5	5
Chloroform	<5	5
1,2-Dichloroethane	<5	5
1,1,1-Trichloroethane	5	5
Carbon tetrachloride	<5	5
Bromodichloromethane	<5	5
1,2-Dichloropropane	<5	5
cis-1,3-Dichloropropene	<5	5
trans-1,3-Dichloropropene	<5	5
Dibromochloromethane	<5	5
1,1,2-Trichloroethane	<5	5
2-Chloroethylvinyl ether	<10	10
Bromoform	<5	5
Tetrachloroethene	240	5
1,1,2,2-Tetrachloroethane	<5	5
Ethylbenzene	<5	5
1,1-Dichloroethene	<5	5
Trichloroethene	1,100	5
Benzene	<5	5
Toluene	<5	5
Chlorobenzene	<5	5

### Notes

- (1) Results expressed as ug/l (ppb).
- (2) Analysis performed according to method EPA 624.
- (3) Analyst(s): BSC; Date Test Completed: 05/19/97.

William L. Lock  
Laboratory Director

Please see reverse side for explanation of terms and other information.



# Gascoyne Laboratories, Inc.

YOUR **ON-TIME** QUALITY LAB™

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-CO

FAX NO.

(410) 633-5443

Page 4 of 10

Report no: 9701445

Client: Black & Decker Company

Sample Id: Sample collected by Gascoyne Laboratories, Inc.: AIR STRIPPER #2(PRE), collected on 04-Jun-97(08:40)  
Laboratory Sample Number: 970007388

Parameter	Test Results	Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	TLN	18-Jun-97
Acrylonitrile	<100 ppb	100 ppb	EPA-624	TLN	18-Jun-97
Benzene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Bromomethane	<10 ppb	10 ppb	EPA-624	TLN	18-Jun-97
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Chlorobenzene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Chloromethane	<10 ppb	10 ppb	EPA-624	TLN	18-Jun-97
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,1,1-Trichloroethane ✓	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Chloroethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	TLN	18-Jun-97
Chloroform	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Ethylbenzene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Methylene Chloride	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Bromoform	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Tetrachloroethene ✓	200 ppb	25 ppb	EPA-624	TLN	18-Jun-97
Toluene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Trichloroethene ✓	860 ppb	25 ppb	EPA-624	TLN	18-Jun-97
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	TLN	18-Jun-97
1,2-Xylene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97

# Gascoyne Laboratories, Inc.



YOUR **ON-TIME** QUALITY LAB<sup>™</sup>

Baltimore, MD 21224

## REPORT OF ANALYSIS

(410) 633-1800

(800) GAS-COYN

FAX NO.

(410) 633-5443

Page 5 of 10

Report no: 9701445

Client: Black & Decker Company

Sample Id: Sample collected by Gascoyne Laboratories, Inc.: AIR STRIPPER #2(PRE), collected on 04-Jun-97(08:40)  
Laboratory Sample Number: 970007388

Parameter	Test Results	Reporting Limit	Method	Analyst	Date of Analysis
1,3-Xylene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
1,4-Xylene	<5 ppb	5 ppb	EPA-624	TLN	18-Jun-97
Total Xylenes	<10 ppb	10 ppb	EPA-624	TLN	18-Jun-97

**APPENDIX D**

**GROUNDWATER ANALYTICAL DATA PACKAGE (MAY 1997)**



RECRA  
LabNet

a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

**Recra LabNet Philadelphia  
Analytical Report**

**Client : BLACK AND DECKER**  
**RFW# : 9705L419**

**W.O. #: 02501-004-001-9999-00**  
**Date Received: 05-08-97**

**GC/MS VOLATILE**

The set of samples consisted of thirty-three (33) water samples collected on 05-06,07-97.

The samples were analyzed according to criteria set forth in SW 846 Method 8260 for TCL Volatile target compounds on 05-16,18,19,20,21,25-97.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analyses:

1. The cooler temperature upon receipt has been recorded on the chain-of-custody.
2. The dilution of sample RFW-4A was analyzed outside holding time. A copy of the Sample Discrepancy Report (SDR) has been included in this data package.
3. Non-target compounds were detected in these samples.
4. Thirteen (13) samples required dilution because they contained high levels of target compounds.
5. Two (2) of one-hundred-forty-one (141) surrogate recoveries were outside EPA QC limits. The analysis of sample RFW-18 fulfilled the reanalysis requirement for its associated matrix spike. The analysis of sample RFW-4A fulfilled the reanalysis requirement for its dilution.
6. One (1) of twenty (20) matrix spike recoveries was outside EPA QC limits.
7. All blank spike recoveries were within EPA QC limits.
8. The method blanks contained the common contaminants Methylene Chloride and Acetone at levels less than 2x the CRQL.

*J. Michael Taylor*  
for J. Michael Taylor  
Vice President and Laboratory Manager  
Lionville Analytical Laboratory

5-29-97  
Date

mmz/voa/05-419v.cn

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 65 pages.

001

## GLOSSARY OF VOA DATA

### DATA QUALIFIERS

- U** = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J** = Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- D** = Identifies all compounds identified in an analysis at a secondary dilution factor.
- I** = Interference.
- NQ** = Result qualitatively confirmed but not able to quantify.
- N** = Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
- X** = This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).
- Y** = Additional qualifiers used as required are explained in the case narrative.

ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Suffix added to sample number to indicate that results are from a diluted analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- SP, Z** = Indicates Spiked Compound.



# RECRA Sample Discrepancy Report (SDR)

SDR #: 97VT079

ms  
5/23/97

Initiator: B. Rubino RFW Batch: 9705L419  
 Date: 5/23/97 Samples: 026  
 Client: Black & Decker Method: SW846/MCAWW/CLPI

Parameter: MS VCA  
 Matrix: water  
 Prep Batch: \_\_\_\_\_

**1. Reason for SDR**

- a. COC Discrepancy  Tech Profile Error  Client Request  Sampler Error on C-O-C  
 Transcription Error  Wrong Test Code  Other \_\_\_\_\_
- b. General Discrepancy  
 Missing Sample/Extract  Container Broken  Wrong Sample Pulled  Label ID's Illegible  
 Hold Time Exceeded  Insufficient Sample  Preservation Wrong  Received Past Hold  
 Improper Bottle Type  Not Amenable to Analysis

Note: Verified by [Log-In] or [Prep Group] (circle)...signature/date: \_\_\_\_\_

**c. QC Problem (Include all relevant specific results; attach data if necessary)**

Sample 9705L419-026 (RFW-4A) contained Tetrachloroethene at levels greater than the calibration range but was inadvertently not reanalyzed for a dilution. Sample is out of hold.

**2. Known or Probable Causes(s)**

**3. Discussion and Proposed Action**

- Re-log
- Entire Batch
- Following Samples: \_\_\_\_\_
- Re-leach
- Re-extract
- Re-digest
- Revise EDD
- Change Test Code to \_\_\_\_\_
- Place On/Take Off Hold (circle)

**Other Description:**

Analyze and report out of hold dilution along with original analysis and note in narrative.

**4. Project Manager Instructions...signature/date:**

- Concur with Proposed Action
- Disagree with Proposed Action; See Instruction
- Include in Case Narrative
- Client Contacted:
- Date/Person \_\_\_\_\_
- Add
- Cancel

[Signature] 5/23/97

**5. Final Action...signature/date:**

- Verified re-[log][leach][extract][digest][analysis] (circle)  
 Included in Case Narrative  
 Hard Copy COC Revised  
 Electronic COC Revised  
 EDD Corrections Completed

**Other Explanation:**

When Final Action has been recorded, forward original to QA Specialist for distribution and filing.

Route	Distribution of Completed SDR	Route	Distribution of Completed SDR
<u>2</u>	<input checked="" type="checkbox"/> Initiator <u>B. Rubino</u>	—	<input type="checkbox"/> Metals: Reichner/Doughty
—	<input checked="" type="checkbox"/> Lab Manager: <u>J. Michael Taylor</u>	—	<input type="checkbox"/> Inorganic: Perrone/Leonards
<u>1</u>	<input checked="" type="checkbox"/> Project Mgr: <u>Miko Young</u>	—	<input type="checkbox"/> GC/LC: Jarvis/Skrzat/Schnell
—	<input checked="" type="checkbox"/> Section Mgr: <u>Siery/Durke/Daniels</u>	<u>3</u>	<input type="checkbox"/> MS: LeMin/McIntyre/Taylor/Kasdras <u>(Steele)</u>
—	<input checked="" type="checkbox"/> QA File: <u>Feldman/Racioppi/Shaffer</u>	—	<input type="checkbox"/> Log-in: Geiger
—	<input type="checkbox"/> Data Management: <u>Miller</u>	—	<input type="checkbox"/> Admin: Brewer/Keehn/Edgington
—	<input type="checkbox"/> Sample Prep: <u>Osei-Mensah/Swisher</u>	—	<input type="checkbox"/> Other: _____

Recra LabNet - Danville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 1a

Sample Information	Cust ID:	RFW-18	RFW-18	RFW-18	RFW-19	RFW-17	RFW-2A
	RFW#:	001	001 MS	001 MSD	002	003	004
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate	Toluene-d8	102 %	103 %	100 %	100 %	106 %	97 %
Recovery	Bromofluorobenzene	98 %	82 * %	102 %	98 %	92 %	94 %
	1,2-Dichloroethane-d4	100 %	99 %	100 %	102 %	105 %	99 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		1 JB	1 JB	2 JB	1 JB	2 JB	3 JB
Acetone		10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		5 U	87 %	82 %	5 U	5 U	5 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	5 U	5 U	5 U
Chloroform		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene		5 U	93 %	88 %	5 U	5 U	2 J
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Benzene		5 U	91 %	88 %	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

005

	Cust ID:	RFW-18	RFW-18	RFW-18	RFW-19	RFW-17	RFW-2A
	RFW#:	001	001 MS	001 MSD	002	003	004
Toluene		5 U	96 %	90 %	5 U	5 U	5 U
Chlorobenzene		5 U	95 %	93 %	5 U	5 U	5 U
Ethylbenzene		5 U	5 U	5 U	5 U	5 U	5 U
Styrene		5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)		5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

006

Recra LabNet - Danville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 2a

Cust ID:	RFW-2B	RFW-7	RFW-1A	EW-5	EW-4	EW-4						
Sample	RFW#:	005	006	007	008	009	009 MS					
Information	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER					
	D.F.:	1.00	1.00	1.00	10.0	25.0	25.0					
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L					
Toluene-d8	102	%	100	%	98	%	100	%	100	%	99	%
Surrogate Bromofluorobenzene	96	%	99	%	92	%	98	%	94	%	93	%
Recovery 1,2-Dichloroethane-d4	100	%	102	%	101	%	103	%	105	%	106	%
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====												
Chloromethane	10	U	10	U	10	U	100	U	250	U	250	U
Bromomethane	10	U	10	U	10	U	100	U	250	U	250	U
Vinyl Chloride	10	U	10	U	10	U	100	U	250	U	250	U
Chloroethane	10	U	10	U	10	U	100	U	250	U	250	U
Methylene Chloride	2	JB	5	U	8	B	49	JB	190	B	180	B
Acetone	10	U	10	U	10	U	100	U	250	U	250	U
Carbon Disulfide	5	U	5	U	5	U	50	U	120	U	120	U
1,1-Dichloroethene	5	U	5	U	5	U	50	U	120	U	95	%
1,1-Dichloroethane	5	U	5	U	5	U	50	U	120	U	120	U
1,2-Dichloroethene (total)	5	U	2	J	5	U	50	U	120	U	120	U
Chloroform	5	U	5	U	5	U	50	U	120	U	120	U
1,2-Dichloroethane	5	U	5	U	5	U	50	U	120	U	120	U
2-Butanone	10	U	10	U	10	U	100	U	250	U	250	U
1,1,1-Trichloroethane	5	U	5	U	5	U	50	U	120	U	120	U
Carbon Tetrachloride	5	U	5	U	5	U	50	U	120	U	120	U
Vinyl Acetate	10	U	10	U	10	U	100	U	250	U	250	U
Bromodichloromethane	5	U	5	U	5	U	50	U	120	U	120	U
1,2-Dichloropropane	5	U	5	U	5	U	50	U	120	U	120	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	50	U	120	U	120	U
Trichloroethene	5	U	8		5	U	1600		3300		110	%
Dibromochloromethane	5	U	5	U	5	U	50	U	120	U	120	U
1,1,2-Trichloroethane	5	U	5	U	5	U	50	U	120	U	120	U
Benzene	5	U	5	U	5	U	50	U	120	U	96	%
Trans-1,3-Dichloropropene	5	U	5	U	5	U	50	U	120	U	120	U
Bromoform	5	U	5	U	5	U	50	U	120	U	120	U
4-Methyl-2-pentanone	10	U	10	U	10	U	100	U	250	U	250	U
2-Hexanone	10	U	10	U	10	U	100	U	250	U	250	U
Tetrachloroethene	5	U	5	U	5	U	29	J	72	J	68	J
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	50	U	120	U	120	U

\*= Outside of EPA CLP QC limits.

200

Cust ID:	RFW-2B	RFW-7	RFW-1A	EW-5	EW-4	EW-4
RFW#:	005	006	007	008	009	009 MS
Toluene	5 U	5 U	5 U	50 U	120 U	93 %
Chlorobenzene	5 U	5 U	5 U	50 U	120 U	93 %
Ethylbenzene	5 U	5 U	5 U	50 U	120 U	120 U
Styrene	5 U	5 U	5 U	50 U	120 U	120 U
Xylene (total)	5 U	5 U	5 U	50 U	120 U	120 U

\*= Outside of EPA CLP QC limits.

008

Recra LabNet - ville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 3a

	Cust ID:	EW-4	EW-6	EW-7	EW-8	EW-9	RFW-13
Sample	RFW#:	009 MSD	010	011	012	013	014
Information	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	25.0	1.00	1.00	2.00	5.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L

600

	Toluene-d8	98 %	100 %	99 %	101 %	99 %	98 %
Surrogate	Bromofluorobenzene	93 %	97 %	95 %	96 %	95 %	93 %
Recovery	1,2-Dichloroethane-d4	104 %	101 %	103 %	102 %	99 %	101 %

	fl	fl	fl	fl	fl	fl	fl
Chloromethane	250 U	10 U	10 U	20 U	50 U	10 U	10 U
Bromomethane	250 U	10 U	10 U	20 U	50 U	10 U	10 U
Vinyl Chloride	250 U	10 U	10 U	20 U	50 U	10 U	10 U
Chloroethane	250 U	10 U	10 U	20 U	50 U	10 U	10 U
Methylene Chloride	190 B	3 JB	3 BJ	7 JB	23 JB	8 B	8 B
Acetone	250 U	10 U	10 U	20 U	50 U	4 JB	4 JB
Carbon Disulfide	120 U	5 U	5 U	10 U	25 U	5 U	5 U
1,1-Dichloroethene	96 %	5 U	1 J	10 U	25 U	1 J	1 J
1,1-Dichloroethane	120 U	5 U	2 J	10 U	25 U	5 U	5 U
1,2-Dichloroethene (total)	120 U	1 J	10	29	11 J	5 U	5 U
Chloroform	120 U	5 U	5 U	10 U	25 U	5 U	5 U
1,2-Dichloroethane	120 U	5 U	5 U	10 U	25 U	5 U	5 U
2-Butanone	250 U	10 U	10 U	20 U	50 U	10 U	10 U
1,1,1-Trichloroethane	120 U	5 U	2 J	10 U	25 U	5 U	5 U
Carbon Tetrachloride	120 U	5 U	5 U	10 U	25 U	5 U	5 U
Vinyl Acetate	250 U	10 U	10 U	20 U	50 U	10 U	10 U
Bromodichloromethane	120 U	5 U	5 U	10 U	25 U	5 U	5 U
1,2-Dichloropropane	120 U	5 U	5 U	10 U	25 U	5 U	5 U
cis-1,3-Dichloropropene	120 U	5 U	5 U	10 U	25 U	5 U	5 U
Trichloroethene	67 * %	9	15	17	14 J	9	9
Dibromochloromethane	120 U	5 U	5 U	10 U	25 U	5 U	5 U
1,1,2-Trichloroethane	120 U	5 U	5 U	10 U	25 U	5 U	5 U
Benzene	96 %	5 U	5 U	10 U	25 U	5 U	5 U
Trans-1,3-Dichloropropene	120 U	5 U	5 U	10 U	25 U	5 U	5 U
Bromoform	120 U	5 U	5 U	10 U	25 U	5 U	5 U
4-Methyl-2-pentanone	250 U	10 U	10 U	20 U	50 U	10 U	10 U
2-Hexanone	250 U	10 U	10 U	20 U	50 U	10 U	10 U
Tetrachloroethene	60 J	44	34	190	940	55	55
1,1,2,2-Tetrachloroethane	120 U	5 U	5 U	10 U	25 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

Cust ID:	EW-4	EW-6	EW-7	EW-8	EW-9	RFW-13
RFW#:	009 MSD	010	011	012	013	014
Toluene	94 %	5 U	5 U	10 U	25 U	5 U
Chlorobenzene	93 %	5 U	5 U	10 U	25 U	5 U
Ethylbenzene	120 U	5 U	5 U	10 U	25 U	5 U
Styrene	120 U	5 U	5 U	10 U	25 U	5 U
Xylene (total)	120 U	1 J	5 U	10 U	25 U	5 U

\*= Outside of EPA CLP QC limits.

010

Recra LabNet - Knoxville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 4a

Cust ID:		EW-2	EW-2 DUP	EW-3	RFW-9	RFW-12B	RFW-4B
Sample	RFW#:	015	016	017	018	019	020
Information	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	20.0	20.0	10.0	1.00	25.0	2.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
	Toluene-d8	101 %	101 %	100 %	99 %	96 %	99 %
Surrogate	Bromofluorobenzene	98 %	96 %	95 %	94 %	91 %	94 %
Recovery	1,2-Dichloroethane-d4	106 %	105 %	102 %	106 %	107 %	105 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		200 U	200 U	100 U	10 U	250 U	20 U
Bromomethane		200 U	200 U	100 U	10 U	250 U	20 U
Vinyl Chloride		200 U	200 U	100 U	10 U	250 U	20 U
Chloroethane		200 U	200 U	100 U	10 U	250 U	20 U
Methylene Chloride		320 B	360 B	160 B	4 JB	120 JB	14 B
Acetone		200 U	200 U	100 U	10 U	250 U	20 U
Carbon Disulfide		100 U	100 U	50 U	5 U	120 U	10 U
1,1-Dichloroethene		100 U	100 U	50 U	5 U	120 U	10 U
1,1-Dichloroethane		100 U	100 U	50 U	5	120 U	10 U
1,2-Dichloroethene (total)		100 U	100 U	50 U	12	120 U	6 J
Chloroform		100 U	100 U	50 U	5 U	120 U	10 U
1,2-Dichloroethane		100 U	100 U	50 U	5 U	120 U	10 U
2-Butanone		200 U	200 U	100 U	10 U	250 U	20 U
1,1,1-Trichloroethane		100 U	100 U	50 U	3 J	120 U	10 U
Carbon Tetrachloride		100 U	100 U	50 U	5 U	120 U	10 U
Vinyl Acetate		200 U	200 U	100 U	10 U	250 U	20 U
Bromodichloromethane		100 U	100 U	50 U	5 U	120 U	10 U
1,2-Dichloropropane		100 U	100 U	50 U	5 U	120 U	10 U
cis-1,3-Dichloropropene		100 U	100 U	50 U	5 U	120 U	10 U
Trichloroethene		2800	3500	1200	26	3200	150
Dibromochloromethane		100 U	100 U	50 U	5 U	120 U	10 U
1,1,2-Trichloroethane		100 U	100 U	50 U	5 U	120 U	10 U
Benzene		100 U	100 U	50 U	5 U	120 U	10 U
Trans-1,3-Dichloropropene		100 U	100 U	50 U	5 U	120 U	10 U
Bromoform		100 U	100 U	50 U	5 U	120 U	10 U
4-Methyl-2-pentanone		200 U	200 U	100 U	10 U	250 U	20 U
2-Hexanone		200 U	200 U	100 U	10 U	250 U	20 U
Tetrachloroethene		92 J	100 J	29 J	12	74 J	230
1,1,2,2-Tetrachloroethane		100 U	100 U	50 U	5 U	120 U	10 U

\*= Outside of EPA CLP QC limits.

011



Cust ID:	EW-2	EW-2 DUP	EW-3	RFW-9	RFW-12B	RFW-4B
RFW#:	015	016	017	018	019	020
Toluene	100 U	100 U	50 U	5 U	120 U	10 U
Chlorobenzene	100 U	100 U	50 U	5 U	120 U	10 U
Ethylbenzene	100 U	100 U	50 U	5 U	120 U	10 U
Styrene	100 U	100 U	50 U	5 U	120 U	10 U
Xylene (total)	100 U	100 U	50 U	5 U	120 U	10 U

\*= Outside of EPA CLP QC limits.

012

Recra LabNet - Denville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 5a

Cust ID:	RFW-3B	RFW-1B	HAMP-23	HAMP-22	RFW-11A	RFW-4A	
Sample	RFW#:	021	022	023	024	025	026
Information	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		98 %	99 %	99 %	97 %	100 %	100 %
Surrogate Bromofluorobenzene		92 %	99 %	98 %	96 %	100 %	97 %
Recovery 1,2-Dichloroethane-d4		106 %	102 %	107 %	104 %	104 %	104 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		7 B	1 JB	5 U	1 JB	1 JB	1 JB
Acetone		5 JB	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		1 J	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		2 J	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		47	5 U	5 U	5 U	5 U	5
Chloroform		5 U	5 U	5 U	5 U	5 U	2 J
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		3 J	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene		27	5 U	5 U	5 U	89	160
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Benzene		5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		50	5 U	5 U	5 U	2 J	230 E
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

013

Cust ID:	RFW-3B	RFW-1B	HAMP-23	HAMP-22	RFW-11A	RFW-4A
RFW#:	021	022	023	024	025	026

Toluene	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

014

Recra LabNet - Louisville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 6a

	Cust ID:	RFW-4A	RFW-6	RFW-11B	RFW-10	RFW-10 DUP	RFW-16
Sample Information	RFW#:	026 DL	027	028	029	030	031
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	2.00	1.00	1.00	10.0	10.0	100
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		103 %	96 %	102 %	99 %	99 %	96 %
Surrogate Bromofluorobenzene		101 %	94 %	98 %	95 %	96 %	93 %
Recovery 1,2-Dichloroethane-d4		115 * %	102 %	108 %	103 %	105 %	101 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		20 U	10 U	10 U	100 U	100 U	1000 U
Bromomethane		20 U	10 U	10 U	100 U	100 U	1000 U
Vinyl Chloride		20 U	10 U	10 U	100 U	100 U	1000 U
Chloroethane		20 U	10 U	10 U	100 U	100 U	1000 U
Methylene Chloride		4 BJD	1 JB	1 JB	66 B	78 B	650 B
Acetone		20 U	5 JB	10 U	62 BJ	100 U	1000 U
Carbon Disulfide		10 U	5 U	5 U	50 U	50 U	500 U
1,1-Dichloroethene		10 U	5 U	5 U	50 U	50 U	500 U
1,1-Dichloroethane		10 U	5 U	5 U	50 U	50 U	500 U
1,2-Dichloroethene (total)		6 JD	3 J	5 U	50 U	50 U	500 U
Chloroform		2 JD	5 U	5 U	50 U	50 U	500 U
1,2-Dichloroethane		10 U	5 U	5 U	50 U	50 U	500 U
2-Butanone		20 U	10 U	10 U	100 U	100 U	1000 U
1,1,1-Trichloroethane		10 U	5 U	5 U	28 J	29 J	500 U
Carbon Tetrachloride		10 U	5 U	5 U	50 U	50 U	500 U
Vinyl Acetate		20 U	10 U	10 U	100 U	100 U	1000 U
Bromodichloromethane		10 U	5 U	5 U	50 U	50 U	500 U
1,2-Dichloropropane		10 U	5 U	5 U	50 U	50 U	500 U
cis-1,3-Dichloropropene		10 U	5 U	5 U	50 U	50 U	500 U
Trichloroethene		200 D	26	41	1900	1900	20000
Dibromochloromethane		10 U	5 U	5 U	50 U	50 U	500 U
1,1,2-Trichloroethane		10 U	5 U	5 U	50 U	50 U	500 U
Benzene		10 U	5 U	5 U	50 U	50 U	500 U
Trans-1,3-Dichloropropene		10 U	5 U	5 U	50 U	50 U	500 U
Bromoform		10 U	5 U	5 U	50 U	50 U	500 U
4-Methyl-2-pentanone		20 U	10 U	10 U	100 U	100 U	1000 U
2-Hexanone		20 U	10 U	10 U	100 U	100 U	1000 U
Tetrachloroethene		260 D	21	5 U	44 J	43 J	500 U
1,1,2,2-Tetrachloroethane		10 U	5 U	5 U	50 U	50 U	500 U

\*= Outside of EPA CLP QC limits.

015

Cust ID:	RFW-4A	RFW-6	RFW-11B	RFW-10	RFW-10 DUP	RFW-16
RFW#:	026 DL	027	028	029	030	031

Toluene	10 U	5 U	5 U	50 U	50 U	500 U
Chlorobenzene	10 U	5 U	5 U	50 U	50 U	500 U
Ethylbenzene	10 U	5 U	5 U	50 U	50 U	500 U
Styrene	10 U	5 U	5 U	50 U	50 U	500 U
Xylene (total)	10 U	5 U	5 U	50 U	50 U	500 U

\*= Outside of EPA CLP QC limits.

016

Recra LabNet - Knoxville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 7a

Sample Information	Cust ID:	FB-RFW-7	TRIP BLANK	VBLKBG	VBLKBG BS	VBLKAX	VBLKBN
RFW#:	032	033	97LVC092-MB1	97LVC092-MB1	97LVN179-MB1	97LVN180-MB1	
Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	
D.F.:	1.00	1.00	1.00	1.00	1.00	1.00	
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
Toluene-d8	102 %	98 %	102 %	101 %	100 %	97 %	
Surrogate Bromofluorobenzene	98 %	95 %	97 %	99 %	97 %	91 %	
Recovery 1,2-Dichloroethane-d4	99 %	105 %	100 %	99 %	103 %	102 %	
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	2 JB	15 B	2 J	4 BJ	6	7	
Acetone	10 U	10 U	2 J	10 U	5 J	2 J	
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	80 %	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5 U	5 U	5 U	87 %	5 U	5 U	5 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	5 U	5 U	5 U	87 %	5 U	5 U	5 U
Trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

017

Cust ID: FB-RFW-7 TRIP BLANK VBLKBG VBLKBG BS VBLKAX VBLKBN

RFW#: 032 033 97LVC092-MB1 97LVC092-MB1 97LVN179-MB1 97LVN180-MB1

	032	033	97LVC092-MB1	97LVC092-MB1	97LVN179-MB1	97LVN180-MB1
Toluene	5 U	5 U	5 U	89 %	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	89 %	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

018

Recra LabNet - Denville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 05/28/97 13:33

RFW Batch Number: 9705L419

Client: BLACK AND DECKER

Work Order: 02501004001 Page: 8a

Sample Information	Cust ID:	VBLKBN BS	VBLKKB	VBLKCE	VBLKBO	VBLKBO BS
RFW#:	97LVN180-MB1	97LVN077-MB1	97LVG104-MB1	97LVN181-MB1	97LVN181-MB1	
Matrix:	WATER	WATER	WATER	WATER	WATER	
D.F.:	1.00	1.00	1.00	1.00	1.00	
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	
<hr/>						
Surrogate	Toluene-d8	99 %	107 %	96 %	94 %	102 %
Recovery	Bromofluorobenzene	93 %	108 %	94 %	90 %	99 %
	1,2-Dichloroethane-d4	106 %	110 %	104 %	99 %	108 %
<hr/>						
Chloromethane		10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U
Methylene Chloride		6 B	1 J	5 J	6	6 B
Acetone		10 U	2 J	2 J	2 J	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		96 %	5 U	5 U	5 U	92 %
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	5 U	5 U
Chloroform		5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U
Trichloroethene		93 %	5 U	5 U	5 U	92 %
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U
Benzene		95 %	5 U	5 U	5 U	96 %
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

019



Cust ID: VBLKBN BS

VBLKBK

VBLKCE

VBLKBO

VBLKBO BS

RFW#: 97LVN180-MB1

97LVN077-MB1

97LVG104-MB1

97LVN181-MB1

97LVN181-MB1

Toluene	94	%	5	U	5	U	5	U	93	%
Chlorobenzene	92	%	5	U	5	U	5	U	94	%
Ethylbenzene	5	U	5	U	5	U	5	U	5	U
Styrene	5	U	5	U	5	U	5	U	5	U
Xylene (total)	5	U	5	U	5	U	5	U	5	U

\*= Outside of EPA CLP QC limits.

020

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-18

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-001

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051609

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.716	10	JB

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-19

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-002

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051612

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-17

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-003

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051613

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-2A

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-004

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051914

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-2B

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-005

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051615

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-7

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-006

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051616

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-1A

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-007

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052006

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				



1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-5

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-008

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051908

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 10.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-4

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-009

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052007

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 25.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-6

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-010

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051915

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-7

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-011

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051916

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 75694	TRICHLOROMONOFLUOROMETHANE	6.657	9	NJ
2. 79209	ACETIC ACID, METHYL ESTER	8.998	5	NJ

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-8

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-012

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051906

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 2.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-9

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-013

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051907

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 2

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	17.041	30	J
2.	SILOXANE	21.143	30	J

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-13

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-014

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051917

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-2

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-015

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051920

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 20.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				



1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-2 DUP

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-016

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051921

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 20.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-3

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-017

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051919

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 10.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-9

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-018

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052015

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-12B

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-019

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052016

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 25.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-4B

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-020

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052010

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 2.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-3B

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-021

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052011

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-1B

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-022

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051807

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

HAMP-23

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-023

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051808

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				



1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

HAMP-22

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-024

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051809

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-11A

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-025

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051810

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-4A

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER Lab Sample ID: 9705L419-026

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: n051811

Level: (low/med) LOW Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/18/97

Column: (pack/cap) CAP Dilution Factor: 1.00

Number TICs found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-6

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-027

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051812

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
 VOLATILE ORGANICS ANALYSIS SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-11B

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-028

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051813

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-10

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-029

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052106

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/21/97

Column: (pack/cap) CAP

Dilution Factor: 10.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-10 DUP

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-030

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052107

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/21/97

Column: (pack/cap) CAP

Dilution Factor: 10.0

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-16

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-031

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052108

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/21/97

Column: (pack/cap) CAP

Dilution Factor: 100

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				



1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB-RFW-7

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-032

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051608

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.717	20	JB

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP BLANK

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 9705L419-033

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051918

Level: (low/med) LOW

Date Received: 05/08/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBG

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 97LVC092-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: c051604

Level: (low/med) LOW

Date Received: 05/16/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/16/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.720	20	J

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKAX

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 97LVN179-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051905

Level: (low/med) LOW

Date Received: 05/19/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/19/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBN

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 97LVN180-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052004

Level: (low/med) LOW

Date Received: 05/20/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/20/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK BK

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 97LVN077-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n051804

Level: (low/med) LOW

Date Received: 05/18/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/18/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKCE

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 97LVG104-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: g052507

Level: (low/med) LOW

Date Received: 05/25/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/25/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1E  
VOLATILE ORGANICS ANALYSIS SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBO

Lab Name: Recra.LabNet.PhiladelphiaContract: 02501004001

Lab Code: Recra Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_ SDG No.: \_\_\_\_\_

Matrix: (soil/water) WATER

Lab Sample ID: 97LVN181-MB1

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: n052104

Level: (low/med) LOW

Date Received: 05/21/97

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 05/21/97

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				



Recra LabNet - Lionville Laboratory  
 VOA ANALYTICAL DATA PACKAGE FOR  
 BLACK AND DECKER

DATE RECEIVED: 05/08/97

RFW LOT # :9705L419

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
RFW-18	001	W	97LVC092	05/06/97	N/A	05/16/97
RFW-18	001 MS	W	97LVC092	05/06/97	N/A	05/16/97
RFW-18	001 MSD	W	97LVC092	05/06/97	N/A	05/16/97
RFW-19	002	W	97LVC092	05/06/97	N/A	05/16/97
RFW-17	003	W	97LVC092	05/06/97	N/A	05/16/97
RFW-2A	004	W	97LVN179	05/06/97	N/A	05/19/97
RFW-2B	005	W	97LVC092	05/06/97	N/A	05/16/97
RFW-7	006	W	97LVC092	05/06/97	N/A	05/16/97
RFW-1A	007	W	97LVN180	05/06/97	N/A	05/20/97
EW-5	008	W	97LVN179	05/06/97	N/A	05/19/97
EW-4	009	W	97LVN180	05/06/97	N/A	05/20/97
EW-4	009 MS	W	97LVN180	05/06/97	N/A	05/20/97
EW-4	009 MSD	W	97LVN180	05/06/97	N/A	05/20/97
EW-6	010	W	97LVN179	05/06/97	N/A	05/19/97
EW-7	011	W	97LVN179	05/06/97	N/A	05/19/97
EW-8	012	W	97LVN179	05/06/97	N/A	05/19/97
EW-9	013	W	97LVN179	05/06/97	N/A	05/19/97
RFW-13	014	W	97LVN179	05/06/97	N/A	05/19/97
EW-2	015	W	97LVN179	05/06/97	N/A	05/19/97
EW-2 DUP	016	W	97LVN179	05/06/97	N/A	05/19/97
EW-3	017	W	97LVN179	05/06/97	N/A	05/19/97
RFW-9	018	W	97LVN180	05/07/97	N/A	05/20/97
RFW-12B	019	W	97LVN180	05/07/97	N/A	05/20/97
RFW-4B	020	W	97LVN180	05/07/97	N/A	05/20/97
RFW-3B	021	W	97LVN180	05/07/97	N/A	05/20/97
RFW-1B	022	W	97LVN077	05/07/97	N/A	05/18/97
HAMP-23	023	W	97LVN077	05/07/97	N/A	05/18/97
HAMP-22	024	W	97LVN077	05/07/97	N/A	05/18/97
RFW-11A	025	W	97LVN077	05/07/97	N/A	05/18/97
RFW-4A	026	W	97LVN077	05/07/97	N/A	05/18/97
RFW-4A	026	D1	W 97LVG104	05/07/97	N/A	05/25/97
RFW-6	027	W	97LVN077	05/07/97	N/A	05/18/97
RFW-11B	028	W	97LVN077	05/07/97	N/A	05/18/97
RFW-10	029	W	97LVN181	05/07/97	N/A	05/21/97
RFW-10 DUP	030	W	97LVN181	05/07/97	N/A	05/21/97
RFW-16	031	W	97LVN181	05/07/97	N/A	05/21/97
FB-RFW-7	032	W	97LVC092	05/06/97	N/A	05/16/97
TRIP BLANK	033	W	97LVN179	05/06/97	N/A	05/19/97

LAB QC:

Recra LabNet - Lionville Laboratory  
VOA ANALYTICAL DATA PACKAGE FOR  
BLACK AND DECKER

DATE RECEIVED: 05/08/97

RFW LOT # :9705L419

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
VBLKBG	MB1	W	97LVC092	N/A	N/A	05/16/97
VBLKBG	MB1 BS	W	97LVC092	N/A	N/A	05/16/97
VBLKAX	MB1	W	97LVN179	N/A	N/A	05/19/97
VBLKBN	MB1	W	97LVN180	N/A	N/A	05/20/97
VBLKBN	MB1 BS	W	97LVN180	N/A	N/A	05/20/97
VBLKBK	MB1	W	97LVN077	N/A	N/A	05/18/97
VBLKCE	MB1	W	97LVG104	N/A	N/A	05/25/97
VBLKBO	MB1	W	97LVN181	N/A	N/A	05/21/97
VBLKBO	MB1 BS	W	97LVN181	N/A	N/A	05/21/97

WESTON Analytics Use Only

959705L419

# Custody Transfer Record/Lab Work Request



Page 1 of 4

Client <u>Black &amp; Decker - HAMPSHIRE STAFF</u>	Refrigerator #	
Est. Final Proj. Sampling Date <u>7 May 97</u>	#/Type Container	Liquid <u>2/CC</u>
Work Order # <u>02501-004-001-9999-00</u>	Volume	Liquid <u>40ml</u>
Project Contact/Phone # <u>Chris Harris / 610-701-7203</u>	Preservatives	<u>HC1</u>
AD Project Manager <u>MIKE YOUNG</u>	ANALYSES REQUESTED →	
QC <u>STD</u> Del <u>STD</u> TAT <u>Standard/21</u>	ORGANIC	
Date Rec'd <u>5-8-97</u> Date Due <u>5-24-97</u>	VOA	BNA
Account # <u>BLACK &amp; DECKER</u>	Pest/PCB	Herb
	INORG	
	Metal	CN

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only													
			MS	MSD																	
	001	RFW-18			W	5/6/97	940	X													
	2	RFW-19					1010	X													
	3	RFW-17					1030	X													
	4	RFW-2A					1050	X													
	5	RFW-2B					1115	X													
	6	RFW-7					1145	X													
	7	RFW-1A					1245	X													
	8	EW-5					1250	X													
	9	EW-4					1300	X													
	010	EW-6					1445	X													

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

DATE/REVISIONS:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Special Instructions:

*Temp 4.3°C*

WESTON Analytics Use Only

Samples were:

1) Shipped  or Hand Delivered  Airbill # \_\_\_\_\_

2) Ambient or Chilled

3) Received in Good Condition  or N

4) Labels Indicate Properly Preserved  or N

5) Received Within Holding Times  or N

COC Tape was:

1) Present on Outer Package Y or N

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or N

4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec'l  or N

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	5-8-97	10:00				

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:

062



9705L419

# Custody Transfer Record/Lab Work Request

064

Client: <u>Black &amp; Pecker - HAMPSHIRE</u>	Refrigerator #	<u>1</u>														
Est. Final Proj. Sampling Date: <u>7 May 97</u>	#/Type Container	Liquid <u>2/10</u>														
Work Order #: <u>02501-004-001</u>	Solid															
Project Contact/Phone #: <u>C. Harris / x7203</u>	Volume	Liquid <u>40ml</u>														
AD Project Manager: <u>MIKE VOYNE</u>	Solid															
QC Del: <u>TAT Standard</u>	Preservatives	<u>HCl</u>														
Date Rec'd: <u>5/26/97</u>	ANALYSES REQUESTED	<table border="1"> <tr> <td colspan="5">ORGANIC</td> <td colspan="2">INORG</td> </tr> <tr> <td>VOA</td> <td>BNA</td> <td>Pes/PCB</td> <td>Herb</td> <td>Metal</td> <td>CN</td> <td></td> </tr> </table>	ORGANIC					INORG		VOA	BNA	Pes/PCB	Herb	Metal	CN	
ORGANIC					INORG											
VOA	BNA	Pes/PCB	Herb	Metal	CN											
Account #																

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	WESTON Analytics Use Only													
			MS	MSD																	
	021	RFW-3B			W	5/7/97	1100	X													
	22	RFW-1B					1055	X													
	23	HAMP-23					905	X													
	24	HAMP-22					915	X													
	25	Rfw-11A					1050	X													
	26	RFW-4A					910	X													
	27	RFW-6					945	X													
	28	RFW-11B					1045	X													
	29	RFW-10					1010	X													
	30	RFW-10 DUP					1010	X													

**FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS**

Special Instructions:

DATE/REVISIONS:

- 
- 
- 
- 
- 
- 

**WESTON Analytics Use Only**

Samples were: \_\_\_\_\_ COC Tape was: \_\_\_\_\_

1) Shipped \_\_\_\_\_ or \_\_\_\_\_ 1) Present on Outer Package Y or N

Hand Delivered \_\_\_\_\_ Airbill # \_\_\_\_\_

2) Ambient or Chilled \_\_\_\_\_ 2) Unbroken on Outer Package Y or N

3) Received in Good Condition Y or N 3) Present on Sample Y or N

4) Labels Indicate Properly Preserved Y or N 4) Unbroken on Sample Y or N

5) Received Within Holding Times Y or N COC Record Present Upon Sample Rec'd Y or N

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	5/8/97	10:00				

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:

