QUARTERLY GROUNDWATER MONITORING REPORT

Prepared for

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

APRIL 1997

Prepared by

Roy F. Weston, Inc.
One Weston Way
West Chester, Pennsylvania 19380

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

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SECTION 1
INTRODUCTION

This Groundwater Monitoring Report has been prepared to meet the requirements of Condition IV.G 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). Specifically, Condition IV.G calls for preparation of a Groundwater Monitoring Report containing the following information for each reporting period: the quantities of groundwater pumped, treated, and discharged; the calculation of quantities of contaminants removed from groundwater; a summary of all sampling analyses; an explanation of all operational or other problems encountered, and the manner in which each problem was resolved; copies of all reports submitted to the Department of Natural Resources in conjunction with the Groundwater Appropriations Permit; and recommendations for changes to the Interim Groundwater Treatment System. 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. This document will become part of the Administrative Record for the site which is maintained at the Hampstead Public Library.

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 January through March 1997.

Pumping records showing the total gallons pumped per month of treatment system operation are presented in Table 2-1. Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. At the time the water level measurements were collected, the extraction wells were pumping at an average combined rate of approximately 176 gallons per minute (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 January through March 1997 are included in Appendix A.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of January through March 1997, approximately 225 lbs of total volatile organic compounds (VOCs) were removed from the groundwater by the extraction and treatment system. In general, the total VOCs removed from the groundwater were comprised of trichloroethene (TCE) (81 %), tetrachlorethene (PCE) (18 %), and a small percentage of 1,2-dichloroethene and 1,1,1-

Table 2-1
Treatment System Pumping Records - 1st Quarter 1997
Black & Decker
Hampstead, Maryland

Date	Water pumped (gallons)
January 1997	7,968,460
February 1997	7,016,170
March 1997	7,769,265

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Table 2-2
Groundwater Elevation Data - 1st Quarter 1997
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	1/27/97		2/18/97		3/13/97	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	NA	--	NA	--	NA	--
EW-2	849.21	110	91.89	757.32	94.45	754.76	87.33	761.88
EW-3	846.64	118	84.55	762.09	85.83	760.81	83.79	762.85
EW-4	858.01	97.5	85.63	772.38	88.13	769.88	86.40	771.61
EW-5	864.17	98	94.12	770.05	87.93	776.24	78.46	785.71
EW-6	831.98	115	61.12	770.86	57.40	774.58	58.63	773.35
EW-7	818.38	78	33.81	784.57	33.10	785.28	33.74	784.64
EW-8	811.13	98	49.33	761.80	54.63	756.50	53.11	758.02
EW-9	811.35	141	81.37	729.98	79.66	731.69	79.37	731.98
EW-10	807.74	NA	47.02	760.72	49.64	758.10	46.74	761.00
RFW-1A	864.37	78	45.11	819.26	45.81	818.56	45.96	818.41
RFW-1B	864.23	200	45.05	819.18	45.87	818.36	45.99	818.24
RFW-2A	857.41	35	11.73	845.68	11.50	845.91	11.53	845.88
RFW-2B	857.73	75	12.00	845.73	12.14	845.59	12.06	845.67
RFW-3B	839.21	153	27.51	811.70	25.99	813.22	26.22	812.99
RFW-4A	830.37	62	34.86	795.51	34.99	795.38	34.72	795.65
RFW-4B	830.37	120	34.81	795.56	34.96	795.41	34.61	795.76
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	2.52	782.52	2.38	782.66	2.28	782.76
RFW-7	805.14	29	5.29	799.85	5.46	799.68	5.68	799.46
RFW-8	860.07	56	55.53	804.54	DRY	--	DRY	--
RFW-9	862.02	49	23.14	838.88	23.14	838.88	23.37	838.65
RFW-10	852.06	58	56.31	795.75	56.70	795.36	56.58	795.48
RFW-11A	849.32	72	67.28	782.04	67.45	781.87	62.58	786.74
RFW-11B	849.62	116	75.43	774.19	75.69	773.93	74.21	775.41
RFW-12B	844.87	264	52.17	792.70	51.82	793.05	52.02	792.85
RFW-13	849.11	150	56.81	792.30	54.14	794.97	53.86	795.25
RFW-14B	812.39	281	35.85	776.54	35.61	776.78	35.79	776.60
RFW-16	856.14	41	35.47	820.67	36.89	819.25	36.63	819.51
RFW-17	834.66	60.5	24.91	809.75	25.04	809.62	24.90	809.76
RFW-18	843.67	50	2.78	840.89	1.80	841.87	2.71	840.96
RFW-19	858.28	60	5.47	852.81	4.74	853.54	5.11	853.17
PH-7	805.94	89	26.53	779.41	26.39	779.55	26.21	779.73
PH-9	814.94	98	32.37	782.57	27.95	786.99	28.74	786.20
PH-11	820.68	78	37.88	782.80	37.69	782.99	37.91	782.77
PH-12	828.35	87	39.70	788.65	39.45	788.90	39.48	788.87
B-2	807.68	100	4.41	803.27	4.35	803.33	4.71	802.97
B-3	803.02	83	5.37	797.65	6.37	796.65	6.64	796.38
Amoco	842.29	NA	20.21	822.08	19.12	823.17	19.47	822.82
Hamp. Town #22	NA	NA	0.71	--	0.68	--	0.71	--
Pembroke #1	NA	NA	9.41	--	8.50	--	9.08	--
Pembroke #2	NA	NA	NA	--	NA	--	NA	--
N. Houcks. Rd.	NA	NA	6.83	--	6.87	--	7.53	--
E. Century St.	NA	NA	10.17	--	10.31	--	10.47	--
Lwr. Beckleys. Rd.	NA	NA	47.31	--	NA	--	NA	--

NA - Not Available/Not Accessible

Table 2-3
Effluent Characteristics Summary - 1st Quarter 1997
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE		
					January 1997	February 1997	March 1997
001	FLOW	average	MGD	NA	0.272	0.200	0.270
		maximum	MGD	NA	0.362	0.294	0.415
	1,1,1-Trichloroethane		ug/l	5	ND	ND	ND
	Tetrachloroethylene		ug/l	5	ND	ND	ND
	Trichloroethylene		ug/l	5	ND	ND	ND
	Total Residual Chlorine		mg/l	<0.1	<0.1	<0.1	<0.1
	Oil & Grease	average	mg/l	10	NR	NR	ND
		maximum	mg/l	15	ND	ND	ND
	pH	minimum	STD	6.0	6.86	6.79	6.88
		maximum	STD	8.5	7.30	8.04	7.25
	BOD		mg/l	15	4	7	12
	TSS	quarterly average	mg/l	20	NR	NR	8
		maximum	mg/l	30	7	8	8
101 (Monitoring Point)	FLOW	average	MGD	NA	0.552	0.554	0.553
		maximum	MGD	NA	0.567	0.557	0.554
	Fecal Coliform		MPN/100ml	200	ND	ND	ND
201 (Monitoring Point)	FLOW	average	MGD	NA	0.257	0.251	0.251
		maximum	MGD	NA	0.283	0.268	0.278
	1,1,1-Trichloroethane		ug/l	NA	ND	ND	ND
	Tetrachloroethylene		ug/l	NA	ND	ND	ND
	Trichloroethylene		ug/l	NA	ND	ND	ND

NA = Not Applicable
ND = Not Detected
NR = Not Reported

trichloroethane. Analytical results of the groundwater at the inlet to the air stripper for the period of January through March 1997 are included in Appendix B.

A summary of the analytical results from the first quarter (February 1997) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete analytical data package is included in Appendix C. 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 concentration of TCE was detected in the groundwater sample collected from monitor well RFW-16 and the highest concentration of PCE was detected in the groundwater sample 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 Contaminant Levels (MCL).

Table 2-4
Summary of Groundwater Analytical Results - February 1997
Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3 (10)	EW-3 (DUP) (10)	EW-4 (25)	EW-5 (10)	EW-6	EW-7	EW-8 (2)	EW-9 (5)	EW-10	RFW-1A	RFW-1B	RFW-2A
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
Chloroethanane	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.

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Table 2-4 (continued)
Summary of Groundwater Analytical Results - February 1997
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-2B	RFW-3B	RFW-4A	RFW-4B (2)	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10 (20)	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	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
Chloroethanane	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 2-4 (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
Chloroethanane	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.
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 (January through March 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 - 1st Quarter 1997
Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
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.

SECTION 4

RECOMMENDATIONS

For the reporting period of January through March 1997, the treatment system continued to create 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

DISCHARGE MONITORING REPORTS
(JANUARY - MARCH 1997)

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

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

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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM APPROVED
OMB No.2040-0004

PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)
93-DP-0022	001

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
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
TRICHLOROEHTYLENE	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	DATE
410-239-5555	97 | 02 | 04
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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

93-DP-0022	001
PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)

MONITORING PERIOD

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

FORM APPROVED
OMB No.2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
BOD	SAMPLE MEASUREMENT						4		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15	mg/l		1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						7		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 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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

93-DP-0022	101
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

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

FORM APPROVED
OMB No.2040-0004

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(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)*	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

FACILITY:

LOCATION: **CARROLL COUNTY**

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

93-DP-0022	201
PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)

MONITORING PERIOD

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

FORM APPROVED
OMB No.2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
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
TRICHLOROEHTYLENE	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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM APPROVED
OMB No.2040-0004

93-DP-0022	001
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	97	02	01	TO	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)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-66)*	SAMPLE TYPE *(69-70)*
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
TRICHLOROEHTYLENE	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

LaVere N. Grimes
Facilities Manager

TYPED OR PRINTED

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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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM APPROVED
OMB No.2040-0004

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
93-DP-0022	001

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-66)*	SAMPLE TYPE *(69-70)*
BOD	SAMPLE MEASUREMENT						7	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						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										
	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.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
410-239-5555	97 | 03 | 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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM APPROVED
OMB No.2040-0004

93-DP-0022	101
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

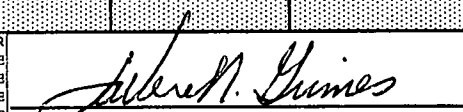
PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53) (54-61)* AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION *(4 Card Only) (38-45) (46-53) (54-61)* MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-65)*	SAMPLE TYPE *(69-70)*
FLOW	SAMPLE MEASUREMENT	**0.544**	**0.557**	**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										
	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.)



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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM APPROVED
OMB No.2040-0004

93-DP-0022	201
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-66)*	SAMPLE TYPE *(69-70)*
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
TRICHLOROEHTYLENE	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		TELEPHONE	DATE
LaVere N. Grimes **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.)	LaVere N. Grimes SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-239-5555 AREA CODE-NUMBER	97 | 03 | 04 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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCH[redacted]LIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM APP[redacted]
OMB No.2040-0004

93-DP-0022	001
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
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
TRICHLOROEHTYLENE	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**	**ND**	**mg/l**	**0**	1/MONTH	GRAB
	PERMIT REQUIREMENT					**10**	**15**			1/MONTH	GRAB
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		TELEPHONE	DATE
LaVere N. Grimes **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.)	LaVere N. Grimes SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-239-5555 AREA CODE-NUMBER	97 | 04 | 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

FACILITY:

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM AP[illegible]
OMB No.2040-0004

93-DP-0022	001
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-18)*

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	MAXIMUM *(54-61)*	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-65)*	SAMPLE TYPE *(69-70)*
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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
LaVere N. Grimes **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.)	LaVere N. Grimes SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-239-5555	97 | 04 | 02
TYPED OR PRINTED			AREA CODE-NUMBER	10.3

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

[redacted]

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

FACILITY:

LOCATION: CARROLL COUNTY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*

DISCHARGE MONITORING REPORT *(DMR)*

FORM AP[redacted]
OMB No.20[redacted]

93-DP-0022	101
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53) (54-61)* AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION *(4 Card Only) (38-45) (46-53) (54-61)* MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-66)*	SAMPLE TYPE *(69-70)*
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	DATE
410-239-5555	97 | 04 | 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: BLACK & DECKER (U.S.) INC.

ADDRESS: 626 HANOVER PIKE
HAMPSTEAD, MD. 21074

FACILITY:

LOCATION: CARROLL COUNTY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

FORM APPROVED
OMB No.2040-0004

93-DP-0022	201
PERMIT NUMBER (2-16)	DISCHARGE NUMBER (17-19)

MONITORING PERIOD

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
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
TRICHLOROEHTYLENE	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			TELEPHONE	DATE
LaVere N. Grimes 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.)	LaVere N. Grimes	410-239-5555	97 | 04 | 02
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)

APPENDIX B

PRE-STRIPPER ANALYTICAL RESULTS
(JANUARY - MARCH 1997)

Gascoyne Laboratories, Inc.

YOUR ON-TIME QUALITY LAB...

Baltimore, MD 21224

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

REPORT OF ANALYSIS

Report No. 97-01-140 Report Date: January 22, 1997

Report To: Black & Decker Company

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

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

REPORT OF ANALYSIS

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

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

REPORT OF ANALYSIS

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

APPENDIX C

GROUNDWATER ANALYTICAL DATA PACKAGE (FEBRUARY 1997)

Roy F. Weston, Inc.
208 Welsh Pool Road
Lionville, Pennsylvania 19341-1333
610-701-6100 • Fax 610-701-6140

MANAGERS DESIGNERS/CONSULTANTS

LIONVILLE LABORATORY
ANALYTICAL REPORT

**** REVISION ****

Client : BLACK AND DECKER
RFW# : 9702L326

W.O. #: 02501-004-001-9999-00
Date Received: 02-20-97

GC/MS VOLATILE

The set of samples consisted of thirty-seven (37) water samples collected on 02-18,19,20-97.

The samples were analyzed according to criteria set forth in SW 846 Method 8240 for TCL Volatile target compounds on 02-24,26,27,28-97.

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

1. This data package has been revised to correct the results for sample EW-2.

2. The cooler temperature upon receipt has been recorded on the chain-of-custody.

3. The required holding time for analysis was met.

4. A non-target compound was detected in sample RFW-4B.

5. The following samples required dilution because they contained high levels of target compounds:

Sample ID	Dilution Factor	Sample ID	Dilution Factor
EW-2	20		
EW-3	10	RFW-12B	25
EW-4	25	RFW-4B	2
EW-5	10	RFW-10	20
EW-8	2	RFW-16	500
EW-9	5	RFW-16 DUP.	500
EW-3 DUP.	10	LEISTER-2	2

6. All surrogate recoveries were within EPA QC limits.

7. All matrix spike recoveries were within EPA QC limits.

8. All blank spike recoveries were within EPA QC limits.

9. The method blanks contained the common contaminants Methylene Chloride and Acetone at levels less than 2x the CRQL.

Bruce C Hyllu unit leader
for J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

3-21-91
Date

mmz/voa/02-326v.cn

WESTON

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.

WESTON

GLOSSARY OF VOA DATA

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.

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 1a

	Cust ID:	EW-2		EW-3		EW-4		EW-5		EW-6		EW-7	
Sample Information	RFW#:	001		002		003		004		005		006	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	20.0		10.0		25.0		10.0		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	99	%	98	%	99	%	100	%	100	%	100	%
	Bromofluorobenzene	94	%	92	%	96	%	100	%	94	%	100	%
	1,2-Dichloroethane-d4	99	%	99	%	103	%	102	%	100	%	103	%
			fl		fl		fl		fl		fl		fl
Chloromethane		200	U	100	U	250	U	100	U	10	U	10	U
Bromomethane		200	U	100	U	250	U	100	U	10	U	10	U
Vinyl Chloride		200	U	100	U	250	U	100	U	10	U	10	U
Chloroethane		200	U	100	U	250	U	100	U	10	U	10	U
Methylene Chloride		210	B	92	B	220	B	74	B	7	B	8	B
Acetone		200	U	100	U	250	U	100	U	10	U	10	U
Carbon Disulfide		100	U	50	U	120	U	50	U	5	U	5	U
1,1-Dichloroethene		100	U	50	U	120	U	50	U	5	U	5	U
1,1-Dichloroethane		100	U	50	U	120	U	50	U	5	U	2	J
1,2-Dichloroethene (total)		100	U	50	U	120	U	50	U	1	J	10	
Chloroform		100	U	50	U	120	U	50	U	5	U	5	U
1,2-Dichloroethane		100	U	50	U	120	U	50	U	5	U	5	U
2-Butanone		200	U	100	U	250	U	100	U	10	U	10	U
1,1,1-Trichloroethane		100	U	50	U	120	U	11	J	5	U	1	J
Carbon Tetrachloride		100	U	50	U	120	U	50	U	5	U	5	U
Vinyl Acetate		200	U	100	U	250	U	100	U	10	U	10	U
Bromodichloromethane		100	U	50	U	120	U	50	U	5	U	5	U
1,2-Dichloropropane		100	U	50	U	120	U	50	U	5	U	5	U
cis-1,3-Dichloropropene		100	U	50	U	120	U	50	U	5	U	5	U
Trichloroethene		3500		1100		3200		1500		11		16	
Dibromochloromethane		100	U	50	U	120	U	50	U	5	U	5	U
1,1,2-Trichloroethane		100	U	50	U	120	U	50	U	5	U	5	U
Benzene		100	U	50	U	120	U	50	U	5	U	5	U
Trans-1,3-Dichloropropene		100	U	50	U	120	U	50	U	5	U	5	U
Bromoform		100	U	50	U	120	U	50	U	5	U	5	U
4-Methyl-2-pentanone		200	U	100	U	250	U	100	U	10	U	10	U
2-Hexanone		200	U	100	U	250	U	100	U	10	U	10	U
Tetrachloroethene		110		24	J	84	J	27	J	48		45	
1,1,2,2-Tetrachloroethane		100	U	50	U	120	U	50	U	5	U	5	U

*= Outside of EPA CLP QC limits.

505

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 1b

Cust ID:	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7
RFW#:	001	002	003	004	005	006
Toluene	100 U	50 U	120 U	50 U	5 U	5 U
Chlorobenzene	100 U	50 U	120 U	50 U	5 U	5 U
Ethylbenzene	100 U	50 U	120 U	50 U	5 U	5 U
Styrene	100 U	50 U	120 U	50 U	5 U	5 U
Xylene (total)	100 U	50 U	120 U	50 U	5 U	5 U

*= Outside of EPA CLP QC limits.

006

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 2a

007

	Cust ID:	EW-8	EW-9	EW-10	EW-3 DUP.	RFW-18	RFW-19
Sample Information	RFW#:	007	008	009	010	011	012
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	2.00	5.00	1.00	10.0	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	102 %	101 %	99 %	99 %	100 %	99 %
	Bromofluorobenzene	93 %	94 %	102 %	94 %	98 %	98 %
	1,2-Dichloroethane-d4	103 %	102 %	106 %	104 %	105 %	110 %
		fl	fl	fl	fl	fl	fl
Chloromethane		20 U	50 U	10 U	100 U	10 U	10 U
Bromomethane		20 U	50 U	10 U	100 U	10 U	10 U
Vinyl Chloride		20 U	50 U	10 U	100 U	10 U	10 U
Chloroethane		20 U	50 U	10 U	100 U	10 U	10 U
Methylene Chloride		18 B	41 B	7 B	100 B	8 B	9 B
Acetone		20 U	50 U	10 U	100 U	10 U	10 U
Carbon Disulfide		10 U	25 U	5 U	50 U	5 U	5 U
1,1-Dichloroethene		10 U	25 U	5 U	50 U	5 U	5 U
1,1-Dichloroethane		10 U	25 U	5 U	50 U	5 U	5 U
1,2-Dichloroethene (total)		29	10 J	5 U	50 U	5 U	5 U
Chloroform		10 U	25 U	5 U	50 U	5 U	5 U
1,2-Dichloroethane		10 U	25 U	5 U	50 U	5 U	5 U
2-Butanone		20 U	50 U	10 U	100 U	10 U	10 U
1,1,1-Trichloroethane		10 U	25 U	5 U	50 U	5 U	5 U
Carbon Tetrachloride		10 U	25 U	5 U	50 U	5 U	5 U
Vinyl Acetate		20 U	50 U	10 U	100 U	10 U	10 U
Bromodichloromethane		10 U	25 U	5 U	50 U	5 U	5 U
1,2-Dichloropropane		10 U	25 U	5 U	50 U	5 U	5 U
cis-1,3-Dichloropropene		10 U	25 U	5 U	50 U	5 U	5 U
Trichloroethene		17	13 J	2 J	1100	5 U	5 U
Dibromochloromethane		10 U	25 U	5 U	50 U	5 U	5 U
1,1,2-Trichloroethane		10 U	25 U	5 U	50 U	5 U	5 U
Benzene		10 U	25 U	5 U	50 U	5 U	5 U
Trans-1,3-Dichloropropene		10 U	25 U	5 U	50 U	5 U	5 U
Bromoform		10 U	25 U	5 U	50 U	5 U	5 U
4-Methyl-2-pentanone		20 U	50 U	10 U	100 U	10 U	10 U
2-Hexanone		20 U	50 U	10 U	100 U	10 U	10 U
Tetrachloroethene		200	810	130	27 J	5 U	5 U
1,1,2,2-Tetrachloroethane		10 U	25 U	5 U	50 U	5 U	5 U

*= Outside of EPA CLP QC limits.

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 2b

Cust ID:	EW-8	EW-9	EW-10	EW-3 DUP.	RFW-18	RFW-19
RFW#:	007	008	009	010	011	012
Toluene	10 U	25 U	5 U	50 U	5 U	5 U
Chlorobenzene	10 U	25 U	5 U	50 U	5 U	5 U
Ethylbenzene	10 U	25 U	5 U	50 U	5 U	5 U
Styrene	10 U	25 U	5 U	50 U	5 U	5 U
Xylene (total)	10 U	25 U	5 U	50 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: **9702L326** Client: **BLACK AND DECKER** Work Order: 02501004001 Page: 3a

	Cust ID:	RFW-2A		RFW-2B		RFW-17		RFW-1A		RFW-1B		RFW-7	
Sample Information	RFW#:	013		014		015		016		017		018	
	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 Recovery	Toluene-d8	99	%	97	%	95	%	101	%	96	%	100	%
	Bromofluorobenzene	102	%	92	%	101	%	97	%	98	%	96	%
	1,2-Dichloroethane-d4	108	%	104	%	106	%	108	%	107	%	109	%
			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	8	B	8	B	8	B	8	B	8	B
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	5	U	5	U	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		1	J	1	J	5	U	5	U	5	U	7	
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		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.

609

RFW [redacted]ch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 3b

Cust ID:	RFW-2A	RFW-2B	RFW-17	RFW-1A	RFW-1B	RFW-7
RFW#:	013	014	015	016	017	018
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.

010

C.

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: 9702L326 Client: **BLACK AND DECKER** Work Order: 02501004001 Page: 4a

011

	Cust ID:	RFW-6		RFW-11A		RFW-11B		RFW-3B		RFW-12B		RFW-9	
Sample Information	RFW#:	019		020		021		022		023		024	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		25.0		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	100	%	101	%	97	%	101	%	101	%	101	%
	Bromofluorobenzene	99	%	92	%	91	%	93	%	92	%	105	%
	1,2-Dichloroethane-d4	110	%	103	%	103	%	102	%	104	%	106	%
Chloromethane		10	U	10	U	10	U	10	U	250	U	10	U
Bromomethane		10	U	10	U	10	U	10	U	250	U	10	U
Vinyl Chloride		10	U	10	U	10	U	10	U	250	U	10	U
Chloroethane		10	U	10	U	10	U	10	U	250	U	10	U
Methylene Chloride		7	B	8	B	7	B	8	B	270	B	8	B
Acetone		10	U	10	U	10	U	10	U	250	U	10	U
Carbon Disulfide		5	U	5	U	5	U	5	U	120	U	5	U
1,1-Dichloroethene		5	U	5	U	5	U	5	U	120	U	5	U
1,1-Dichloroethane		5	U	5	U	5	U	2	J	120	U	6	
1,2-Dichloroethene (total)		3	J	5	U	5	U	49		120	U	14	
Chloroform		5	U	5	U	5	U	5	U	120	U	5	U
1,2-Dichloroethane		5	U	5	U	5	U	5	U	120	U	5	U
2-Butanone		10	U	10	U	10	U	10	U	250	U	10	U
1,1,1-Trichloroethane		5	U	5	U	5	U	3	J	120	U	3	J
Carbon Tetrachloride		5	U	5	U	5	U	5	U	120	U	5	U
Vinyl Acetate		10	U	10	U	10	U	10	U	250	U	10	U
Bromodichloromethane		5	U	5	U	5	U	5	U	120	U	5	U
1,2-Dichloropropane		5	U	5	U	5	U	5	U	120	U	5	U
cis-1,3-Dichloropropene		5	U	5	U	5	U	5	U	120	U	5	U
Trichloroethene		26		86		31		23		2800		30	
Dibromochloromethane		5	U	5	U	5	U	5	U	120	U	5	U
1,1,2-Trichloroethane		5	U	5	U	5	U	5	U	120	U	5	U
Benzene		5	U	5	U	5	U	5	U	120	U	5	U
Trans-1,3-Dichloropropene		5	U	5	U	5	U	5	U	120	U	5	U
Bromoform		5	U	5	U	5	U	5	U	120	U	5	U
4-Methyl-2-pentanone		10	U	10	U	10	U	10	U	250	U	10	U
2-Hexanone		10	U	10	U	10	U	10	U	250	U	10	U
Tetrachloroethene		24		2	J	5	U	49		73	J	18	
1,1,2,2-Tetrachloroethane		5	U	5	U	5	U	5	U	120	U	5	U

*= Outside of EPA CLP QC limits.

Cust ID:	RFW-6	RFW-11A	RFW-11B	RFW-3B	RFW-12B	RFW-9
RFW#:	019	020	021	022	023	024
Toluene	5 U	5 U	5 U	5 U	120 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	120 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	120 U	5 U
Styrene	5 U	5 U	5 U	5 U	120 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	120 U	5 U

*= Outside of EPA CLP QC limits.

012

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: **9702L326** Client: **BLACK AND DECKER** Work Order: 02501004001 Page: 5a

013

	Cust ID:	RFW-4A	RFW-4A	RFW-4A	RFW-4B	RFW-13	RFW-10
Sample Information	RFW#:	025	025 MS	025 MSD	026	027	028
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	2.00	1.00	20.0
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	100 %	100 %	98 %	97 %	104 %	97 %
	Bromofluorobenzene	99 %	97 %	102 %	101 %	108 %	101 %
	1,2-Dichloroethane-d4	105 %	104 %	106 %	97 %	108 %	102 %
Chloromethane		10 U	10 U	10 U	20 U	10 U	200 U
Bromomethane		10 U	10 U	10 U	20 U	10 U	200 U
Vinyl Chloride		10 U	10 U	10 U	20 U	10 U	200 U
Chloroethane		10 U	10 U	10 U	20 U	10 U	200 U
Methylene Chloride		7 B	7 B	7 B	14 B	6 B	110 B
Acetone		10 U	10 U	10 U	20 U	10 U	200 U
Carbon Disulfide		5 U	5 U	5 U	10 U	5 U	100 U
1,1-Dichloroethene		5 U	96 %	97 %	10 U	5 U	100 U
1,1-Dichloroethane		5 U	5 U	5 U	10 U	5 U	100 U
1,2-Dichloroethene (total)		3 J	3 J	3 J	6 J	5 U	100 U
Chloroform		1 J	1 J	1 J	2 J	5 U	100 U
1,2-Dichloroethane		5 U	5 U	5 U	10 U	5 U	100 U
2-Butanone		10 U	10 U	10 U	20 U	10 U	200 U
1,1,1-Trichloroethane		5 U	5 U	5 U	10 U	5 U	27 J
Carbon Tetrachloride		5 U	5 U	5 U	10 U	5 U	100 U
Vinyl Acetate		10 U	10 U	10 U	20 U	10 U	200 U
Bromodichloromethane		5 U	5 U	5 U	10 U	5 U	100 U
1,2-Dichloropropane		5 U	5 U	5 U	10 U	5 U	100 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	10 U	5 U	100 U
Trichloroethene		88	91 %	89 %	130	5 J	1300
Dibromochloromethane		5 U	5 U	5 U	10 U	5 U	100 U
1,1,2-Trichloroethane		5 U	5 U	5 U	10 U	5 U	100 U
Benzene		5 U	98 %	98 %	10 U	5 U	100 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	10 U	5 U	100 U
Bromoform		5 U	5 U	5 U	10 U	5 U	100 U
4-Methyl-2-pentanone		10 U	10 U	10 U	20 U	10 U	200 U
2-Hexanone		10 U	10 U	10 U	20 U	10 U	200 U
Tetrachloroethene		95	93	91	200	37	89 J
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	10 U	5 U	100 U

*= Outside of EPA CLP QC limits.

Cust ID:	RFW-4A	RFW-4A	RFW-4A	RFW-4B	RFW-13	RFW-10
RFW#:	025	025 MS	025 MSD	026	027	028
Toluene	5 U	99 %	95 %	10 U	5 U	100 U
Chlorobenzene	5 U	98 %	97 %	10 U	5 U	100 U
Ethylbenzene	5 U	5 U	5 U	10 U	5 U	100 U
Styrene	5 U	5 U	5 U	10 U	5 U	100 U
Xylene (total)	5 U	5 U	5 U	10 U	5 U	100 U

*= Outside of EPA CLP QC limits.

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: **9702L326** Client: **BLACK AND DECKER** Work Order: 02501004001 Page: 6a

	Cust ID:	RFW-16	RFW-16 DUP.	LEISTER-1	LEISTER DAIR Y	LEISTER DAIR Y 032 MS	LEISTER DAIR Y 032 MSD
Sample Information	RFW#:	029	030	031	032	032 MS	032 MSD
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	500	500	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	95 %	92 %	98 %	98 %	94 %	99 %
	Bromofluorobenzene	98 %	97 %	112 %	97 %	95 %	104 %
	1,2-Dichloroethane-d4	98 %	96 %	105 %	106 %	79 %	95 %
Chloromethane		5000 U	5000 U	10 U	10 U	10 U	10 U
Bromomethane		5000 U	5000 U	10 U	10 U	10 U	10 U
Vinyl Chloride		5000 U	5000 U	10 U	10 U	10 U	10 U
Chloroethane		5000 U	5000 U	10 U	10 U	10 U	10 U
Methylene Chloride		2000 BJ	1500 BJ	5 U	7 B	5 BJ	6 B
Acetone		5000 U	5000 U	10 U	10 U	10 U	10 U
Carbon Disulfide		2500 U	2500 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		2500 U	2500 U	5 U	5 U	91 %	89 %
1,1-Dichloroethane		2500 U	2500 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		2500 U	2500 U	5 U	5 U	5 U	5 U
Chloroform		2500 U	2500 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		2500 U	2500 U	5 U	5 U	5 U	5 U
2-Butanone		5000 U	5000 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		2500 U	2500 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		2500 U	2500 U	5 U	5 U	5 U	5 U
Vinyl Acetate		5000 U	5000 U	10 U	10 U	10 U	10 U
Bromodichloromethane		2500 U	2500 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		2500 U	2500 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		2500 U	2500 U	5 U	5 U	5 U	5 U
Trichloroethene		31000	32000	5 U	5 U	94 %	95 %
Dibromochloromethane		2500 U	2500 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		2500 U	2500 U	5 U	5 U	5 U	5 U
Benzene		2500 U	2500 U	5 U	5 U	94 %	93 %
Trans-1,3-Dichloropropene		2500 U	2500 U	5 U	5 U	5 U	5 U
Bromoform		2500 U	2500 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		5000 U	5000 U	10 U	10 U	10 U	10 U
2-Hexanone		5000 U	5000 U	10 U	10 U	10 U	10 U
Tetrachloroethene		450 J	2500 U	5 U	4 J	5	7
1,1,2,2-Tetrachloroethane		2500 U	2500 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

015

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 6b

Cust ID:	RFW-16	RFW-16 DUP.	LEISTER-1	LEISTER DAIRY	LEISTER DAIRY	LEISTER DAIRY
RFW#:	029	030	031	032	032 MS	032 MSD
Toluene	2500 U	2500 U	5 U	5 U	100 %	97 %
Chlorobenzene	2500 U	2500 U	5 U	5 U	97 %	98 %
Ethylbenzene	2500 U	2500 U	5 U	5 U	5 U	5 U
Styrene	2500 U	2500 U	5 U	5 U	5 U	5 U
Xylene (total)	2500 U	2500 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 03/21/97 11:59

RFW Batch Number: **9702L326** Client: **BLACK AND DECKER** Work Order: 02501004001 Page: 7a

	Cust ID:	LEISTER-2		HAMP-22		HAMP-23		TRIP BLANK		FIELD BLANK		VBLKMU	
Sample Information	RFW#:	033		034		035		036		037		97LVW052-MB1	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	2.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	98	%	107	%	105	%	95	%	102	%	99	%
	Bromofluorobenzene	106	%	108	%	111	%	100	%	108	%	95	%
	1,2-Dichloroethane-d4	106	%	111	%	109	%	99	%	100	%	101	%
			fl		fl		fl		fl		fl		fl
Chloromethane		20	U	10	U	10	U	10	U	10	U	10	U
Bromomethane		20	U	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride		20	U	10	U	10	U	10	U	10	U	10	U
Chloroethane		20	U	10	U	10	U	10	U	10	U	10	U
Methylene Chloride		9	BJ	8	B	11	B	7	B	8	B	9	
Acetone		20	U	10	U	10	U	10	U	10	U	2	J
Carbon Disulfide		10	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene		10	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane		10	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)		10	U	5	U	5	U	5	U	5	U	5	U
Chloroform		10	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane		10	U	5	U	5	U	5	U	5	U	5	U
2-Butanone		20	U	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane		10	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride		10	U	5	U	5	U	5	U	5	U	5	U
Vinyl Acetate		20	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane		10	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane		10	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene		10	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene		10	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane		10	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane		10	U	5	U	5	U	5	U	5	U	5	U
Benzene		10	U	5	U	5	U	5	U	5	U	5	U
Trans-1,3-Dichloropropene		10	U	5	U	5	U	5	U	5	U	5	U
Bromoform		10	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone		20	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone		20	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene		10	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane		10	U	5	U	5	U	5	U	5	U	5	U

*= Outside of EPA CLP QC limits.

017

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 7b

Cust ID:	LEISTER-2	HAMP-22	HAMP-23	TRIP BLANK	FIELD BLANK	VBLKMU
RFW#:	033	034	035	036	037	97LVW052-MB1
Toluene	10 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10 U	5 U	5 U	5 U	5 U	5 U
Styrene	10 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	10 U	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

018

Roy F. Weston, Inc. - Lionville Laboratory

Volatiles by GC/MS, HSL List

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 8a

Report Date: 03/21/97 11:59

	Cust ID:	VBLKMX		VBLKMX BS		VBLKMT		VBLKMW		VBLKMW BS		VBLKMV	
Sample Information	RFW#:	97LVW054-MB1		97LVW054-MB1		97LVW050-MB1		97LVK040-MB1		97LVK040-MB1		97LVK039-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	
Surrogate Recovery	Toluene-d8	100	%	100	%	97	%	99	%	103	%	96	%
	Bromofluorobenzene	106	%	103	%	98	%	98	%	110	%	101	%
	1,2-Dichloroethane-d4	103	%	104	%	103	%	93	%	104	%	96	%
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		9		10	B	8		7		5	B	6	
Acetone		3	J	3	BJ	3	J	2	J	1	BJ	2	J
Carbon Disulfide		5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene		5	U	101	%	5	U	5	U	85	%	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	98	%	5	U	5	U	93	%	5	U
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	100	%	5	U	5	U	97	%	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.

RFW Batch Number: 9702L326 Client: BLACK AND DECKER Work Order: 02501004001 Page: 8b

	Cust ID:	VBLKMX		VBLKMX BS		VBLKMT		VBLKMW		VBLKMW BS		VBLKMV	
	RFW#:	97LVW054-MB1		97LVW054-MB1		97LVW050-MB1		97LVK040-MB1		97LVK040-MB1		97LVK039-MB1	
Toluene		5	U	97	%	5	U	5	U	97	%	5	U
Chlorobenzene		5	U	99	%	5	U	5	U	98	%	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.

020

Cust ID: VBLKMV BS

Sample Information

RFW#: 97LVK039-MB1
Matrix: WATER
D.F.: 1.00
Units: UG/L

021

Surrogate Recovery	Toluene-d8	103	%
	Bromofluorobenzene	108	%
	1,2-Dichloroethane-d4	105	%
Chloromethane		10	U
Bromomethane		10	U
Vinyl Chloride		10	U
Chloroethane		10	U
Methylene Chloride		4	BJ
Acetone		10	U
Carbon Disulfide		5	U
1,1-Dichloroethene		88	%
1,1-Dichloroethane		5	U
1,2-Dichloroethene (total)		5	U
Chloroform		5	U
1,2-Dichloroethane		5	U
2-Butanone		10	U
1,1,1-Trichloroethane		5	U
Carbon Tetrachloride		5	U
Vinyl Acetate		10	U
Bromodichloromethane		5	U
1,2-Dichloropropane		5	U
cis-1,3-Dichloropropene		5	U
Trichloroethene		97	%
Dibromochloromethane		5	U
1,1,2-Trichloroethane		5	U
Benzene		97	%
Trans-1,3-Dichloropropene		5	U
Bromoform		5	U
4-Methyl-2-pentanone		10	U
2-Hexanone		10	U
Tetrachloroethene		5	U
1,1,2,2-Tetrachloroethane		5	U

*= Outside of EPA CLP QC limits.

Cust ID: **VBLKMV BS**

RFW#: **97LVK039-MB1**

Toluene	97	%
Chlorobenzene	95	%
Ethylbenzene	5	U
Styrene	5	U
Xylene (total)	5	U

*= Outside of EPA CLP QC limits.

022

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-2

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-001

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

Lab File ID: W022605

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

EW-3

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-002

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

Lab File ID: W022606

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

EW-4

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-003

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

Lab File ID: W022607

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

EW-5

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-004

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

Lab File ID: W022806

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/28/97

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

CLIENT SAMPLE NO.

EW-6

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-005

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

Lab File ID: W022609

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

EW-7

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-006

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

Lab File ID: W022406

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

EW-8

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-007

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

Lab File ID: W022610

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

EW-9

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-008

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

Lab File ID: W022611

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

Column: (pack/cap) CAP

Dilution Factor: 5.00

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

CLIENT SAMPLE NO.

EW-10

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-009

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

Lab File ID: W022407

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

EW-3 DUP.

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-010

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

Lab File ID: W022612

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

RFW-18

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-011

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

Lab File ID: W022408

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-19

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-012

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

Lab File ID: W022409

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-2A

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-013

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

Lab File ID: W022410

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-2B

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-014

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

Lab File ID: W022411

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-17

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-015

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

Lab File ID: W022412

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-1A

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-016

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

Lab File ID: W022413

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-1B

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-017

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

Lab File ID: W022414

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-7

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-018

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

Lab File ID: W022415

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

RFW-6

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-019

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

Lab File ID: W022416

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/25/97

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

CLIENT SAMPLE NO.

RFW-11A

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-020

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

Lab File ID: W022613

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

RFW-11B

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-021

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

Lab File ID: W022614

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

RFW-3B

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-022

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

Lab File ID: W022615

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

RFW-12B

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-023

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

Lab File ID: W022616

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

RFW-9

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-024

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

Lab File ID: k022716

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

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

CLIENT SAMPLE NO.

RFW-4A

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-025

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

Lab File ID: W022807

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/28/97

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

CLIENT SAMPLE NO.

RFW-4B

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-026

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

Lab File ID: k022714

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

Column: (pack/cap) CAP

Dilution Factor: 2.00

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		SILOXANE	10.904	10	J

FORM 1 VOA-TIC 12/88 Rev.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-13

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-027

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

Lab File ID: k022713

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

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

CLIENT SAMPLE NO.

RFW-10

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-028

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

Lab File ID: k022712

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

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

CLIENT SAMPLE NO.

RFW-16

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-029

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

Lab File ID: k022711

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

Column: (pack/cap) CAP

Dilution Factor: 500

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

CLIENT SAMPLE NO.

RFW-16 DUP.

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-030

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

Lab File ID: k022710

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

Column: (pack/cap) CAP

Dilution Factor: 500

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

CLIENT SAMPLE NO.

LEISTER-1

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-031

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

Lab File ID: k022709

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

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

CLIENT SAMPLE NO.

LEISTER DAIRY

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-032

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

Lab File ID: k022612

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

LEISTER-2

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-033

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

Lab File ID: k022611

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

HAMP-22

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-034

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

Lab File ID: k022610

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

HAMP-23

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-035

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

Lab File ID: k022609

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-036

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

Lab File ID: k022608

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

FIELD BLANK

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 9702L326-037

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

Lab File ID: k022607

Level: (low/med) LOW

Date Received: 02/20/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

VBLKMU

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 97LVW052-MB1

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

Lab File ID: W022604

Level: (low/med) LOW

Date Received: 02/26/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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

CLIENT SAMPLE NO.

VBLKMX

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 97LVW054-MB1

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

Lab File ID: W022804

Level: (low/med) LOW

Date Received: 02/28/97

% Moisture: not dec. _____

Date Analyzed: 02/28/97

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

CLIENT SAMPLE NO.

VBLKMT

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 97LVW050-MB1

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

Lab File ID: W022404

Level: (low/med) LOW

Date Received: 02/24/97

% Moisture: not dec. _____

Date Analyzed: 02/24/97

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

CLIENT SAMPLE NO.

VBLKMW

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 97LVK040-MB1

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

Lab File ID: k022705

Level: (low/med) LOW

Date Received: 02/27/97

% Moisture: not dec. _____

Date Analyzed: 02/27/97

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

CLIENT SAMPLE NO.

VBLKMV

Lab Name: Roy F. Weston, Inc. Work Order: 02501004001

Client: BLACK AND DECKER

Matrix: WATER

Lab Sample ID: 97LVK039-MB1

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

Lab File ID: k022605

Level: (low/med) LOW

Date Received: 02/26/97

% Moisture: not dec. _____

Date Analyzed: 02/26/97

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.				

Roy F. Weston, Inc. - Lionville Laboratory
VOA ANALYTICAL DATA PACKAGE FOR
BLACK AND DECKER

DATE RECEIVED: 02/20/97 RFW LOT # :9702L326

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
EW-2	001	W	97LVW052	02/19/97	N/A	02/26/97
EW-3	002	W	97LVW052	02/19/97	N/A	02/26/97
EW-4	003	W	97LVW052	02/18/97	N/A	02/26/97
EW-5	004	W	97LVW054	02/18/97	N/A	02/28/97
EW-6	005	W	97LVW052	02/18/97	N/A	02/26/97
EW-7	006	W	97LVW050	02/18/97	N/A	02/24/97
EW-8	007	W	97LVW052	02/18/97	N/A	02/26/97
EW-9	008	W	97LVW052	02/18/97	N/A	02/26/97
EW-10	009	W	97LVW050	02/18/97	N/A	02/24/97
EW-3 DUP.	010	W	97LVW052	02/19/97	N/A	02/26/97
RFW-18	011	W	97LVW050	02/18/97	N/A	02/24/97
RFW-19	012	W	97LVW050	02/18/97	N/A	02/24/97
RFW-2A	013	W	97LVW050	02/18/97	N/A	02/24/97
RFW-2B	014	W	97LVW050	02/18/97	N/A	02/24/97
RFW-17	015	W	97LVW050	02/18/97	N/A	02/24/97
RFW-1A	016	W	97LVW050	02/18/97	N/A	02/24/97
RFW-1B	017	W	97LVW050	02/19/97	N/A	02/24/97
RFW-7	018	W	97LVW050	02/18/97	N/A	02/24/97
RFW-6	019	W	97LVW050	02/19/97	N/A	02/25/97
RFW-11A	020	W	97LVW052	02/19/97	N/A	02/26/97
RFW-11B	021	W	97LVW052	02/19/97	N/A	02/26/97
RFW-3B	022	W	97LVW052	02/19/97	N/A	02/26/97
RFW-12B	023	W	97LVW052	02/20/97	N/A	02/26/97
RFW-9	024	W	97LVK040	02/19/97	N/A	02/27/97
RFW-4A	025	W	97LVW054	02/19/97	N/A	02/28/97
RFW-4A	025 MS	W	97LVW054	02/19/97	N/A	02/28/97
RFW-4A	025 MSD	W	97LVW054	02/19/97	N/A	02/28/97
RFW-4B	026	W	97LVK040	02/19/97	N/A	02/27/97
RFW-13	027	W	97LVK040	02/19/97	N/A	02/27/97
RFW-10	028	W	97LVK040	02/19/97	N/A	02/27/97
RFW-16	029	W	97LVK040	02/19/97	N/A	02/27/97
RFW-16 DUP.	030	W	97LVK040	02/19/97	N/A	02/27/97
LEISTER-1	031	W	97LVK040	02/18/97	N/A	02/27/97
LEISTER DAIRY	032	W	97LVK039	02/18/97	N/A	02/26/97
LEISTER DAIRY	032 MS	W	97LVK040	02/18/97	N/A	02/27/97
LEISTER DAIRY	032 MSD	W	97LVK040	02/18/97	N/A	02/27/97
LEISTER-2	033	W	97LVK039	02/18/97	N/A	02/26/97
HAMP-22	034	W	97LVK039	02/19/97	N/A	02/26/97

Roy F. Weston, Inc. - Lionville Laboratory
VOA ANALYTICAL DATA PACKAGE FOR
BLACK AND DECKER

DATE RECEIVED: 02/20/97 RFW LOT # :9702L326

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
HAMP-23	035	W	97LVK039	02/19/97	N/A	02/26/97
TRIP BLANK	036	W	97LVK039	02/18/97	N/A	02/26/97
FIELD BLANK	037	W	97LVK039	02/19/97	N/A	02/26/97
LAB QC:						
VBLKMU	MB1	W	97LVW052	N/A	N/A	02/26/97
VBLKMX	MB1	W	97LVW054	N/A	N/A	02/28/97
VBLKMX	MB1 BS	W	97LVW054	N/A	N/A	02/28/97
VBLKMT	MB1	W	97LVW050	N/A	N/A	02/24/97
VBLKMW	MB1	W	97LVK040	N/A	N/A	02/27/97
VBLKMW	MB1 BS	W	97LVK040	N/A	N/A	02/27/97
VBLKMV	MB1	W	97LVK039	N/A	N/A	02/26/97
VBLKMV	MB1 BS	W	97LVK039	N/A	N/A	02/26/97

(4) Wcmswu Sue Derke

WESTON Analytics Use Only

97026326

Custody Transfer Record/Lab Work Request

WESTON

067

Black & Decker

Client: ~~Conf. Hampstead~~

Est. Final Proj. Sampling Date: 20 FEB 97

Work Order #: 02501-004-001-4900-00

Project Contact/Phone #: CHRIS HARRIS / X7203

AD Project Manager: DYANNA SAGLES

QC: STD Del: STD TAT: Standard

Date Rec'd: 2/20/97 Date Due: 3/13/97

Account #: Black & Decker

Refrigerator #

#/Type Container	Liquid	2/CL
	Solid	
Volume	Liquid	40ml
	Solid	
Preservatives		HCl

ANALYSES REQUESTED → ORGANIC: VOA, BNA, Pest/PCB, Herb; INORG: Metal, CN

WESTON Analytics Use Only

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	MS	MSD	Matrix	Date Collected	Time Collected	VOA 5240 8260
001	EW-2			W	2/19/97	1015	X
2	EW-3			↓	2/19/97	1025	X
3	EW-4				2/18/97	1455	X
4	EW-5				↓	1445	X
5	EW-6					1610	X
6	EW-7					1625	X
7	EW-8					1630	X
8	EW-9					1640	X
9	EW-10				↓	1645	X
010	EW-3 DUP.			↓	2/19/97	1025	X

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

4.50
~~5.50~~

DATE/REVISIONS:
3/3/97 1. TAT = 21 Day Rpt Due = 3/13/97
2. per PM
3.
4.
5.
6.

Relinquished by	Received by	Date	Time
[signature]	[signature]	2/20/97	430

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? Y or (N)
NOTES:

WESTON Analytics Use Only

Samples were:
1) Shipped ___ or Hand Delivered ✓
Airbill # ___
2) Ambient or (Chilled)
3) Received in Good Condition (Y) or N
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) 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't (Y) or N

WESTON Analytics Use Only

9702L326

Custody Transfer Record/Lab Work Request

WESTON

068

Client ~~CONF - HARRIS~~ [illegible] Blauh & Decker JM 2/21/97

Est. Final Proj. Sampling Date 20 FEB 97

Work Order # 02501-004-001

Project Contact/Phone # CHRIS HARRIS / x7203

AD Project Manager DYANNA SAGGES

QC [illegible] TAT STD

Date Rec'd Date Due

Account #

Refrigerator #	
#/Type Container Liquid	2/G
#/Type Container Solid	
Volume Liquid	40 ml
Volume Solid	
Preservatives	HCl

ANALYSES REQUESTED → ORGANIC: VOA, BNA, 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 (✓) MS	MSD	Matrix	Date Collected	Time Collected	8240 (002wk)
011	RFW-18			W	2/18/97	1025	X
12	RFW-19			↓	↓	1050	X
13	RFW-2A					1115	X
14	RFW-2B					1140	X
15	RFW-17					1200	X
16	RFW-1A				↓	1325	X
17	RFW-1B				2/19/97	1220	X
18	RFW-7				2/18/97	1530	X
19	RFW-6				2/19/97	1210	X
020	RFW-11A			↓	↓	1340	X

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1.
2.
3.
4.
5.
6.

WESTON Analytics Use Only

Samples were:
1) Shipped ___ or Hand Delivered ___
Airbill # ___
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y 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't Y or N

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Christian	[illegible]	2/20/97	430				

Discrepancies Between Samples Labels and COC Record? Y or N
NOTES:

WESTON Analytics Use Only
97022326

Custody Transfer Record/Lab Work Request

Black&Decker

WESTON

069

Client ~~CONF. HAMPSTEAD~~
Est. Final Proj. Sampling Date 20 FEB 97
Work Order # 02501-004-001
Project Contact/Phone # CHRIS HARRIS / x7203
AD Project Manager DYANNA SAGGES
QC ___ Del ___ TAT Standard
Date Rec'd ___ Date Due ___
Account # ___

Refrigerator #	1
#/Type Container Liquid	2/G
#/Type Container Solid	
Volume Liquid	40ml
Volume Solid	
Preservatives	HCl
ANALYSES REQUESTED →	ORGANIC: VOA, BNA, 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 (✓) MS	MSD	Matrix	Date Collected	Time Collected	VOA 624H
021	RFW-11B			W	2/19/97	1345	X
22	RFW-3B			↓	2/19/97	1445	X
23	RFW-12B				2/20/97	0900	X
24	RFW-9				2/19/97	1110	X
25	RFW-4A				↓	1205	X
26	RFW-4B					1515	X
27	RFW-13					1335	X
28	RFW-10					1410	X
29	RFW-16					1430	X
030	RFW-16 DUP.			↓	↓	1430	X

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1.
2.
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4.
5.
6.

WESTON Analytics Use Only

Samples were:
1) Shipped ___ or Hand Delivered ___
Airbill # ___
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y 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't Y or N

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
WF	AMoore	2/20/97	430				

Discrepancies Between Samples Labels and COC Record? Y or N
NOTES:

RFW 21-21-001/A-7/91 ___ L372 ___ L373 ___ L375 ___ L377 ___ L378 Ref# ___ Cooler# ___ 381-596a

WESTON Analytics Use Only
9702G326

Custody Transfer Record/Lab Work Request

WESTON

Page 4 of 4

070

Client [illegible] Blank & Spikes 2/21/97
Est. Final Proj. Sampling Date 20 FEB 97
Work Order # 02501-004-001
Project Contact/Phone # CHRIS HARRIS / X7203
AD Project Manager DYANNA SAGGES
QC [illegible] TAT Standard
Date Rec'd [illegible] Date Due
Account #

Refrigerator #		4°
#/Type Container	Liquid	4/08
	Solid	
Volume	Liquid	40ml
	Solid	
Preservatives		HCl

ANALYSES REQUESTED →

ORGANIC				INORG	
VOA	BNA	Pest/PCB	Herb	Metal	CN
8240	8234				

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 (✓) MS	MSD	Matrix	Date Collected	Time Collected	WESTON Analytics Use Only
031	LEISTER-1			W	2/19/97	1720	X
32	LEISTER DAIRY					1735	X
33	LEISTER-2					1740	X
34	HAMP-22				2/19/97	0810	X
35	HAMP-23					0815	X
36	TRIP BLANK				2/18/97	—	X
037	FIELD BLANK				2/19/97	0900	X

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

WESTON Analytics Use Only

Samples were:
1) Shipped ___ or Hand Delivered ___
Airbill # _____
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y 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't Y or N

Discrepancies Between Samples Labels and COC Record? Y or N
NOTES:

Relinquished by	Received by	Date	Time
WF	[illegible]	2/20/97	430

Relinquished by	Received by	Date	Time

RFW 21-21-001/A-7/91 ____ L372 ____ L373 ____ L375 ____ L377 ____ L378 Ref# _____ Cooler# _____ 381-596