

**QUARTERLY GROUNDWATER
MONITORING REPORT**

Prepared for

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

April 2001

Prepared by

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TABLE OF CONTENTS

Section	Page
1. INTRODUCTION.....	1-1
2. SITE CHARACTERISTICS.....	2-1
2.1 HYDRAULIC PROPERTIES	2-1
2.2 EFFLUENT CHARACTERISTICS	2-1
2.3 GROUNDWATER QUALITY DATA	2-1
3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM.....	3-1
4. RECOMMENDATIONS.....	4-1

LIST OF APPENDICES

- APPENDIX A - GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
- APPENDIX B - DISCHARGE MONITORING REPORTS
- APPENDIX C - GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
- APPENDIX D - GROUNDWATER ANALYTICAL DATA PACKAGE

LIST OF TABLES

Table	Page
Table 2-1 Treatment System Pumping Records – 1 st Quarter 2001	2-3
Table 2-2 Groundwater Elevation Data – 1 st Quarter 2001	2-4
Table 2-3 Effluent Characteristics Summary – 1 st Quarter 2001	2-5
Table 2-4 Summary of Groundwater Analytical Results – February 2001	2-6
Table 3-1 Treatment System Maintenance Activities – 1 st Quarter 2001	3-2

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.

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 2001.

Pumping records showing the total gallons pumped per month of treatment system operation are presented in Table 2-1. The complete groundwater treatment system pumping records are included in Appendix A.

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 132 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 2001 are included in Appendix B

2.3 GROUNDWATER QUALITY DATA

For the reporting period of January through March 2001, approximately 71 pounds 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 primarily of trichloroethene (TCE) (80 %) and tetrachlorethene (PCE) (20 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of January through March 2001 are included in Appendix C.

A summary of the analytical results from the first quarter (February 2001) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete analytical data

package is included in Appendix D. 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 samples collected from wells RFW-12B and EW-2 and the highest concentration of PCE was detected in the groundwater sample collected from extraction well EW-9. Lower concentrations of 1,2-dichloroethene were also detected. The remainder of VOCs present were detected at levels well below the Federal Maximum Contaminant Levels (MCL).

Table 2-1
Treatment System Pumping Records - 1st Quarter 2001
Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
January 2001	5,780,670
February 2001	5,217,969
March 2001	5,758,714

Table 2-2
Groundwater Elevation Data - 1st Quarter 2001
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	1/31/01		2/13/01		3/16/01	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	--	DRY	--	DRY	--
EW-2	849.21	110	91.49	757.72	93.23	755.98	94.24	754.97
EW-3	846.64	118	76.43	770.21	63.47	783.17	58.04	788.60
EW-4	858.01	97.5	NA	--	NA	--	NA	--
EW-5	864.17	98	85.84	778.33	87.95	776.22	88.17	776.00
EW-6	831.98	115	48.36	783.62	59.02	772.96	61.20	770.78
EW-7	818.38	78	53.21	765.17	50.14	768.24	51.67	766.71
EW-8	811.13	98	80.43	730.70	78.17	732.96	79.34	731.79
EW-9	811.35	141	102.00	709.35	101.00	710.35	102.00	709.35
EW-10	807.74	NA	53.41	754.33	53.85	753.89	54.63	753.11
RFW-1A	864.37	78	53.07	811.30	53.58	810.79	53.35	811.02
RFW-1B	864.23	200	53.09	811.14	53.64	810.59	53.36	810.87
RFW-2A	857.41	35	14.89	842.52	16.17	841.24	16.73	840.68
RFW-2B	857.73	75	15.20	842.53	16.80	840.93	17.21	840.52
RFW-3B	839.21	153	34.61	804.60	36.13	803.08	36.89	802.32
RFW-4A	830.37	62	38.91	791.46	38.51	791.86	38.26	792.11
RFW-4B	830.37	120	38.84	791.53	38.35	792.02	38.12	792.25
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	1.83	783.21	3.06	781.98	1.26	783.78
RFW-7	805.14	29	6.78	798.36	7.01	798.13	7.87	797.27
RFW-8	860.07	56	DRY	--	DRY	--	DRY	--
RFW-9	862.02	49	27.13	834.89	26.72	835.30	26.57	835.45
RFW-10	852.06	58	DRY	--	DRY	--	DRY	--
RFW-11A	849.32	72	NA	--	NA	--	NA	--
RFW-11B	849.62	116	72.68	776.94	64.36	785.26	66.62	783.00
RFW-12B	844.87	264	56.11	788.76	53.99	790.88	54.43	790.44
RFW-13	849.11	150	63.81	785.30	63.91	785.20	64.41	784.70
RFW-14B	812.39	281	48.88	763.51	49.53	762.86	50.11	762.28
RFW-16	856.14	41	DRY	--	DRY	--	DRY	--
RFW-17	834.66	60.5	28.47	806.19	28.73	805.93	28.99	805.67
RFW-20	842.49	142	36.89	805.60	36.46	806.03	36.38	806.11
RFW-21	832.65	102	22.84	809.81	22.80	809.85	22.61	810.04
PH-7	805.94	89	35.89	770.05	36.21	769.73	36.84	769.10
PH-9	814.94	98	43.28	771.66	44.36	770.58	42.87	772.07
PH-11	820.68	78	37.97	782.71	39.87	780.81	39.21	781.47
PH-12	828.35	87	47.43	780.92	47.79	780.56	47.83	780.52
B-3	803.02	83	6.84	796.18	7.17	795.85	7.43	795.59
Amoco	842.29	NA	28.13	814.16	29.01	813.28	28.94	813.35
Hamp. Town #22	804.96	NA	1.49	803.47	0.94	804.02	0.73	804.23
Pembroke #1	NA	NA	11.43	--	11.27	--	11.38	--
Pembroke #2	NA	NA	NA	--	NA	--	NA	--
N. Houcks. Rd.	NA	NA	9.67	--	9.82	--	9.86	--
E. Century St.	NA	NA	11.21	--	11.23	--	11.16	--
Lwr. Beckleys. Rd.	NA	NA	55.91	--	55.98	--	56.14	--

NA - Not Available/Not Accessible

**Table 2-3
Effluent Characteristics Summary - 1st Quarter 2001
Black & Decker
Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE			
				January 2001	February 2001	March 2001	
001	FLOW	average	MGD	NA	0.160	0.207	0.254
		maximum	MGD	NA	0.262	0.558	0.644
	1,1,1-Trichloroethane		ug/l	5	< 5	< 5	< 5
	Tetrachloroethylene		ug/l	5	< 5	< 5	< 5
	Trichloroethylene		ug/l	5	< 5	< 5	< 5
	Total Residual Chlorine		mg/l	<0.1	<0.1	<0.1	<0.1
	Oil & Grease	maximum	mg/l	15	< 5	< 5	< 5
		quarterly average	mg/l	10	NR	NR	< 5
	pH	minimum	STD	6.0	6.15	6.14	6.40
		maximum	STD	8.5	8.14	8.02	7.39
	BOD		mg/l	15	2.9	2.9	2.8
TSS	maximum	mg/l	30	5.5	2	2.9	
	quarterly average	mg/l	20	NR	NR	3.5	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.225	0.288	0.277
		maximum	MGD	NA	0.256	0.295	0.296
	Fecal Coliform		MPN/100ml	200	< 2	< 2	< 2
201 (Monitoring Point)	FLOW	average	MGD	NA	0.186	0.186	0.186
		maximum	MGD	NA	0.211	0.215	0.210
	1,1,1-Trichloroethane		ug/l	NA	< 5	< 5	< 5
	Tetrachloroethylene		ug/l	NA	< 5	< 5	< 5
	Trichloroethylene		ug/l	NA	< 5	< 5	< 5

DMR - Discharge Monitoring Report

NA - Not Applicable

NR - Not Reported

Table 2-4
Summary of Groundwater Analytical Results - February 2001
Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2 (20)	EW-3 (5)	EW-4 (10)	EW-5 (10)	EW-5 (DUP) (10)	EW-6	EW-7	EW-8	EW-9 (5)	EW-10	RFW-1A	RFW-1B
Chloromethane	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
Chloroethane	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	57 JB	27 B	52 B	91 B	91 B	1 JB	2 JB	5 U	9 JB	5 U	7 B	1 JB
Acetone	ug/L	NS	200 U	22 JB	41 JB	84 JB	98 JB	2 JB	2 JB	2 JB	50 U	2 JB	8 JB	3 JB
Carbon Disulfide	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	1 J	5 U	25 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	2 J	2 J	25 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	9	36	5 J	5 U	5 U	5 U
Chloroform	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	2 J	10 U
1,1,1-Trichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	1 J	25 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Bromodichloromethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	1800	360	1200	720	710	14	14	22	9 J	5 U	5 U	5 U
Dibromochloromethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Benzene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Bromoform	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	200 U	50 U	100 U	100 U	100 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	99 J	8 J	23 J	20 J	20 J	44	37	190	530	16	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Toluene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Styrene	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	100 U	25 U	50 U	50 U	50 U	5 U	5 U	5 U	25 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
DUP = Duplicate sample
J = Indicates an estimated value.
NS = Not sampled
B = Indicates that the analyte was found in the associated blank as well as in the sample.
(2.5) = Dilution factor.

Table 2-4 (Continued)
Summary of Groundwater Analytical Results - February 2001
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-4B (DUP)	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10	RFW-11	RFW-11
Chloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
Bromomethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
Vinyl Chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
Methylene Chloride	ug/L	7 B	8 B	3 JB	2 JB	5 B	4 JB	NS	3 JB	6 B	NS	7 B	NS	NS	7 B
Acetone	ug/L	4 JB	8 JB	6 JB	4 JB	6 JB	5 JB	NS	6 JB	5 JB	NS	4 JB	NS	NS	3 JB
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
1,1-Dichloroethene	ug/L	5 U	5 U	2 J	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
1,1-Dichloroethane	ug/L	5 U	5 U	1 J	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
1,2-Dichloroethene (total)	ug/L	5 U	5 U	32	2 J	8	8	NS	1 J	1 J	NS	3 J	NS	NS	5 U
Chloroform	ug/L	5 U	5 U	5 U	1 J	1 J	1 J	NS	5 U	5 U	NS	5 U	NS	NS	5 U
1,2-Dichloroethane	ug/L	5 U	1 J	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
2-Butanone	ug/L	10 U	2 J	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
1,1,1-Trichloroethane	ug/L	1 J	5 U	2 J	5 U	5 U	5 U	NS	5 U	5 U	NS	2 J	NS	NS	5 U
Carbon Tetrachloride	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Bromodichloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
1,2-Dichloropropane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
cis-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Trichloroethene	ug/L	5 J	5 U	13	72	13	12	NS	5	8	NS	14	NS	NS	170
Dibromochloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
1,1,2-Trichloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Benzene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Bromoform	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	NS	10 U
Tetrachloroethene	ug/L	5 U	5 U	16	74	77	77	NS	5	5 U	NS	3 J	NS	NS	5 J
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Toluene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Chlorobenzene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Ethylbenzene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Styrene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U
Xylene (total)	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	NS	5 U

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

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

Table 2-4 (Continued)
Summary of Groundwater Analytical Results - February 2001
Black & Decker
Hampstead, Maryland

PARAMETER	RFW-12		RFW-13	RFW-16	RFW-17	RFW-20	RFW-21	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank
	Units	(5)											
Chloromethane	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	19 JB	7 B	NS	3 JB	3 JB	3 JB	3 JB	3 JB	1 JB	3 JB	3 JB	10 B
Acetone	ug/L	50 U	5 JB	NS	5 JB	5 JB	5 JB	3 JB	6 JB	3 JB	3 JB	3 JB	5 JB
Carbon Disulfide	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 J
1,1-Dichloroethene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	29	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	25 U	5 U	NS	1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	50 U	10 U	NS	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	470	15	NS	5 U	3 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	41	69	NS	5 U	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	2 J	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

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

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 2001) 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 2001
Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
January 2001	The spline was worn off the motor shaft of EW-6, well was offline for 22 days. Installed new pump, motor, pipe and wire well back online.
March 2001	Pump in EW-3 was pulled due to low flow. A hole was found at top of the pump. A new pump and motor was ordered and installed, well back online after 16 days.

4. RECOMMENDATIONS

For the reporting period of January through March 2001, 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
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(JANUARY - MARCH 2001)

MONTH / YEAR

Jan. 01

**BLACK DECKER
AIR STRIPPER # 2
OPERATING RECORD**

PAST MONTH READING

526266842

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1				202097		
2	T	1050	527075229	197728	6225	6301
3	W	1100	527272957	114654	6249	6301
4	T	0915	527387611	211264	6266	6307
5	F	1050	527598875	↑	6292	6301
6						
7				599998		
8	M	1055	528198873	184996	6364	6301
9	T	0925	528383869	202396	6364	6323
10	W	1000	528586265	192724	6364	6348
11	T	0925	52878989	210992	6364	6371
12	F	1115	528989981	↑	6364	6397
13						
14				602866		
15	M	1245	529592847	176533	6364	6471
16	T	1100	529769380	181825	6387	6471
17	W	1105	529951205	161325	6411	6471
18	T	0810	530112530	183545	6432	6471
19	F	0815	530296015	↑	6456	6471
20						
21				564566		
22	M	1120	530860641	176435	6531	6471
23	T	1035	531037076	155002	6531	6494
24	W	0725	531192078	177301	6531	6515
25	T	0655	531369379	187977	6531	6538
26	F	0750	531557356	↑	6531	6563
27						
28				561204		
29	M	1150	532118560	169391	6531	6639
30	T	1005	532287951	179826	6554	6639
31	W	1010	532467777	186025	6578	6639
Total				5780670		
Average				186473		

EW#6 went down 1-16-01

NEXT MONTH READING 532653802

DATE 2-1-01

MONTH / YEAR

Feb. 01

**BLACK DECKER
AIR STRIPPER # 2
OPERATING RECORD**

PAST MONTH READING

532467777

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	T	1105	532653802	171983	6603	6639
2	F	1020	532825785	↑	6626	6639
3				↑		
4				537624		
5	M	1050	533363409	170565	6698	6639
6	T	1005	533533974	150789	6698	6662
7	W	0630	533684763	177875	6698	6682
8	T	0640	533862638	203806	6698	6706
9	F	1025	534066444	↑	6699	6733
10				↑		
11				565423		
12	M	1010	534631867	184024	6699	6805
13	T	0920	534815891	178324	6722	6805
14	W	0740	534994215	212437	6745	6805
15	T	1015	535206652	188400	6771	6805
16	F	1005	535395052	↑	6795	6805
17				↑		
18				570175		
19	M	0950	535965227	193301	6867	6805
20	T	1030	536158528	161547	6867	6830
21	W	0640	536320015	214780	6867	6850
22	T	0930	536634855	191212	6867	6877
23	F	0935	536726067	↑	6867	6901
24				↑		
25				565460		
26	M	0815	537291527	182258	6867	6971
27	T	0725	537473785	214407	6890	6971
28	W	1005	537688192	183579	6917	6971
29	T					
30	F					
31						
Total				5217969		
Average				186356		

KWW went down 1-16-01

NEXT MONTH READING 537871771

DATE Mar. 1, 2001

MONTH / YEAR

Mar. 01

**BLACK DECKER
AIR STRIPPER # 2
OPERATING RECORD**

PAST MONTH READING

537688192

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	T	0910	537871771	198802	6940	6971
2	F	1015	538070573	↑	6965	6971
3				↑		
4				573122		
5	M	1015	538643695	201227	7037	6971
6	T	1155	538844922	177293	7037	6997
7	W	1020	539022215	192459	7037	7019
8	T	1045	539214674	171554	7037	7044
9	F	0840	539386228	↑	7037	7065
10				↑		
11				575849		
12	M	0920	539962077	192967	7037	7138
13	T	0945	540155044	194083	7062	7138
14	W	1040	540349127	181600	7086	7138
15	T	0935	540530727	195653	7109	7138
16	F	1030	540726386	↑	7134	7138
17				↑		
18				567381		
19	M	1030	541293761	190174	7206	7138
20	T	1045	541483935	164219	7207	7162
21	W	0750	541648154	20960	7207	7183
22	T	0920	541857755	171537	7207	7210
23	F	0830	542029292	↑	7207	7232
24				↑		
25				532507		
26	M	0855	542561799	164681	7207	7304
27	T	0715	542726480	183809	7229	7304
28	W	0820	542910289	177917	7254	7304
29	T	0835	543088206	186994	7278	7304
30	F	0950	543275200	↑	7303	7304
31				355285		
Total				5758714		
Average				185765		

NEXT MONTH READING 543808127

DATE 4-2-01

**APPENDIX B
DISCHARGE MONITORING REPORTS
(JANUARY - MARCH 2001))**

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
Boston, MA 02110

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881 **001**
 PERMIT NUMBER DISCHARGE NUMBER

(2-16)

(17-16)

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
 2001 01 01 01 01 31

(20-21)

(22-23)


(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)						
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS									
FLOW	SAMPLE MEASUREMENT	0.160	0.262	MGD					0	Measured/Recorded							
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Measured/Recorded							
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5			1/MONTH	GRAB						
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5			1/MONTH	GRAB						
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT						5			1/MONTH	GRAB						
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	2/MONTH	GRAB						
	PERMIT REQUIREMENT						<0.1			1/MONTH	GRAB						
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH	GRAB						
	PERMIT REQUIREMENT					10	15			1/MONTH	GRAB						
pH	SAMPLE MEASUREMENT				6.15		8.14		0	2/WEEK	GRAB						
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK	GRAB						
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREON, 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 23 U.S.C. § 1319 (Penalties under these statutes may include: Fine up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE							
Henry C Suominen, Jr. AG/GFI Manger								 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						410-374-9025		01 02 01	
TYPED OR PRINTED																	
COMMENT AND EXPLANATION OF ANY VIOLATIONS																	

(Reference all attachments here)

*Averages for TSS and Oil & Grease are reported quarterly.

EPA Form 3320-1 (Rev. 9-88) Previous edition to be used until supply is exhausted.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
Boston, MA 02110

FACILITY: **Hampstead, Maryland, 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881 **001**
 PERMIT NUMBER DISCHARGE NUMBER

(2-16) (17-19)

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2001	01	01		01	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)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD	SAMPLE MEASUREMENT							2.9	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT							5.5	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30				1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Henry C Suominen, Jr.
AG/GFI Manger
 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.)

Earl Weddole
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: **410-374-8025**
 DATE: **01 | 02 | 01**
 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: **AG/GFI Hampstead, Inc.**

ADDRESS: **133 Pearl Street**

**Suite 400
Boston, MA 02110**

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881

PERMIT NUMBER

(2-18)

101

DISCHARGE NUMBER

(17-18)

FORM APPROVED

OMB No.2040-0004

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2001	01	01		01	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX. (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (68-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.225	0.256	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT						<2	MPN/100ml	0	1/WEEK GRAB	
	PERMIT REQUIREMENT						200			1/WEEK GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Henry C Suominen, Jr.
AG/GFI Manger**

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: Fine up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Earl Weddle

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

AREA CODE-NUMBER

DATE

01 | 02 | 01

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

NAME: AG/GFI Hampstead, Inc.

ADDRESS: 133 Pearl Street

Suite 400

Boston, MA 02110

FACILITY: Hampstead, Maryland 21074

LOCATION: CARROLL COUNTY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881

PERMIT NUMBER

(2-18)

201

DISCHARGE NUMBER

(17-18)

FORM APPROVED

OMB No.2040-0004

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2001	01	01	01	01	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.186	0.211	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Henry C Suominen, Jr.
AG/GFI Manger
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREON; 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 16 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.)

Earl Wedder
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-374-9025
DATE: 01 | 02 | 01
AREA CODE-NUMBER: 410-374-9025
YEAR | MO | DAY: 01 | 02 | 01

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
Boston, MA 02110

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

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

MD0001881
 PERMIT NUMBER
 (2-16)

001
 DISCHARGE NUMBER
 (17-19)

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2001	02	01	01	02	28
(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)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.207	0.568	MGD					0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Measured/Recorded	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	2/MONTH GRAB	
	PERMIT REQUIREMENT						<0.1	mg/l		1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					10	15	mg/l		1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.14		8.02	STD	0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00		8.00	STD		2/WEEK GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
Henry C Suominen, Jr. AG/GFI Manger								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		410-374-9025	
TYPED OR PRINTED								AREA CODE-NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

*Averages for TSS and Oil & Grease are reported quarterly.

EPA Form 3320-1 (Rev. 9-88) Previous edition to be used until supply is exhausted.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
Boston, MA 02110

FACILITY: **Hampstead, Maryland, 21074**

LOCATION: **CARROLL COUNTY**

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

MD0001881 **001**
 PERMIT NUMBER DISCHARGE NUMBER
 (2-10) (17-19)

FORM APPROVED
 OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
2001	02	01	TO	01	02	28
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (82-83)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (68-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD	SAMPLE MEASUREMENT									0	1/MONTH	GRAB
	PERMIT REQUIREMENT										1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT									0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30	mg/l			1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Henry C Suominen, Jr.
AG/GFI Manger
 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.)

Carl Weddle
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
410-374-9025
 AREA CODE-NUMBER

DATE
01 | 03 | 06
 YEAR | MO | DAY

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

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

NAME: **AG/GFI Hampstead, Inc.**

ADDRESS: **133 Pearl Street**

Suite 400

Boston, MA 02110

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
PERMIT NUMBER

(2-10)

101
DISCHARGE NUMBER

(17-10)

FORM APPROVED

OMB No. 2040-0004

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2001	02	01		01	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53)			(4 Card Only)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.288	0.295	MGD				0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2	MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT					200			1/WEEK	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Henry C Suominen, Jr.
AG/GFI Manger
TYPED OR PRINTED

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Eric Weddle
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-374-9025
DATE: 01 | 03 | 06
AREA CODE-NUMBER: 410-374-9025
YEAR | MO | DAY

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

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

NAME: AG/GFI Hampstead, Inc.

ADDRESS: 133 Pearl Street

Suite 400

Boston, MA 02110

FACILITY: Hampstead, Maryland 21074

LOCATION: CARROLL COUNTY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881

PERMIT NUMBER

(2-16)

201

DISCHARGE NUMBER

(17-19)

FORM APPROVED

OMB No.2040-0004

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2001	02	01	01	02	28
(20-21)	(22-23)	(24-29)	(28-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.186	0.215	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Henry C Suominen, Jr.
AG/GFI Manger

TYPED OR PRINTED

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Emily Waddell

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-8025

AREA CODE-NUMBER

DATE

01 | 03 | 06

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
Boston, MA 02110

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881 **001**
 PERMIT NUMBER DISCHARGE NUMBER

(2-18)

(17-19)

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
2001 03 01 01 03 31

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.254	0.644	MGD					0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Measured/Recorded	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	2/MONTH GRAB	
	PERMIT REQUIREMENT						<0.1	mg/l		1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT					<5	<5	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					10	15	mg/l		1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.40		7.39	STD	0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
Henry C Suominen, Jr. AG/GFI Manger								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		410-374-9025	
TYPED OR PRINTED								AREA CODE-NUMBER		YEAR MO DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

*Averages for TSS and Oil & Grease are reported quarterly.

EPA Form 3320-1 (Rev. 9-88) Previous edition to be used until supply is exhausted.

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
 PERMIT NUMBER

001
 DISCHARGE NUMBER

(2-18)

(17-19)

MONITORING PERIOD

FROM YEAR **2001** MO **03** DAY **01** TO YEAR **01** MO **03** DAY **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)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO EX (#2-43)	FREQUENCY OF ANALYSIS (54-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD	SAMPLE MEASUREMENT									0	1/MONTH	GRAB
	PERMIT REQUIREMENT										1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT					3.5	2.9			0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30				1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Henry C Suominen, Jr.
AG/GFI Manger

TYPED OR PRINTED

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Earl Weddle

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

AREA CODE-NUMBER

DATE

01 | 04 | 02

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

FORM APPROVED
 OMB No.2040-0004

MD0001881 **101**
 PERMIT NUMBER DISCHARGE NUMBER
 (2-18) (17-19)

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 2001 03 01 TO 01 03 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.277	0.296	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
FECAL COLIFORM	SAMPLE MEASUREMENT						<2	MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT						200			1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Henry C Suominen, Jr.
AG/GFI Manger
 TYPED OR PRINTED

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Earl Weddle
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
 410-374-9025 01 | 04 | 02
 AREA CODE-NUMBER YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
 PERMIT NUMBER
 (2-16)


201
 DISCHARGE NUMBER
 (17-19)

FORM APPROVED

OMB No.2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2001	03	01	TO	01	03 31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29) (30-31)

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.186	0.210	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						N/A			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include: Fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)								TELEPHONE	DATE	
Henry C Suominen, Jr. AG/GFI Manger									410-374-9025	01 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 C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(JANUARY - MARCH 2001)

Gascoyne Laboratories, Inc.

Baltimore, MD 21224

(410) 633-1800

FAX NO.
(410) 633-5443

www.gascoyne.com



REPORT OF ANALYSIS

Test Results

Page 4

Client:	AG/GFI Hampstead	Client Sample ID:	Air Stripper 2(Pre)
Report No:	0101062	Lab ID:	0101062-002
Project:	Hampstead	Collection Date:	01/03/2001 8:24
Matrix:	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
PRIORITY POLLUTANT VOLATILE ORGANIC COMPOUNDS (EPA 624)				Analyst: THP
Chloromethane	< 10	10	ug/L	01/07/2001 10:08
Vinyl chloride	< 10	10	ug/L	01/07/2001 10:08
Bromomethane	< 10	10	ug/L	01/07/2001 10:08
Chloroethane	< 10	10	ug/L	01/07/2001 10:08
Acrolein	< 100	100	ug/L	01/07/2001 10:08
1,1-Dichloroethene	< 5.0	5.0	ug/L	01/07/2001 10:08
Methylene chloride	< 5.0	5.0	ug/L	01/07/2001 10:08
Acrylonitrile	< 100	100	ug/L	01/07/2001 10:08
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	01/07/2001 10:08
1,1-Dichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:08
Chloroform	< 5.0	5.0	ug/L	01/07/2001 10:08
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:08
Carbon tetrachloride	< 5.0	5.0	ug/L	01/07/2001 10:08
Benzene	< 5.0	5.0	ug/L	01/07/2001 10:08
1,2-Dichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:08
Trichloroethene	370	50	ug/L	01/07/2001 9:36
1,2-Dichloropropane	< 5.0	5.0	ug/L	01/07/2001 10:08
Bromodichloromethane	< 5.0	5.0	ug/L	01/07/2001 10:08
2-Chloroethyl vinyl ether	< 10	10	ug/L	01/07/2001 10:08
cis-1,3-Dichloropropene	< 5.0	5.0	ug/L	01/07/2001 10:08
Toluene	< 5.0	5.0	ug/L	01/07/2001 10:08
trans-1,3-Dichloropropene	< 5.0	5.0	ug/L	01/07/2001 10:08
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:08
Tetrachloroethene	84	5.0	ug/L	01/07/2001 10:08
Dibromochloromethane	< 5.0	5.0	ug/L	01/07/2001 10:08
Chlorobenzene	< 5.0	5.0	ug/L	01/07/2001 10:08
Ethylbenzene	< 5.0	5.0	ug/L	01/07/2001 10:08
Bromoform	< 5.0	5.0	ug/L	01/07/2001 10:08
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	01/07/2001 10:08

Gascoyne Laboratories, Inc.

Baltimore, MD 21224

(410) 633-1800

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REPORT OF ANALYSIS

Test Results

Page 5

Client: AG/GFI Hampstead Client Sample ID: Outfall 201(Post)
Report No: 0101062 Lab ID: 0101062-003
Project: Hampstead Collection Date: 01/03/2001 8:12
Matrix: WASTEWATER

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
PRIORITY POLLUTANT VOLATILE ORGANIC COMPOUNDS (EPA 624)				Analyst: THP
Chloromethane	< 10	10	ug/L	01/07/2001 10:39
Vinyl chloride	< 10	10	ug/L	01/07/2001 10:39
Bromomethane	< 10	10	ug/L	01/07/2001 10:39
Chloroethane	< 10	10	ug/L	01/07/2001 10:39
Acrolein	< 100	100	ug/L	01/07/2001 10:39
1,1-Dichloroethene	< 5.0	5.0	ug/L	01/07/2001 10:39
Methylene chloride	< 5.0	5.0	ug/L	01/07/2001 10:39
Acrylonitrile	< 100	100	ug/L	01/07/2001 10:39
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	01/07/2001 10:39
1,1-Dichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:39
Chloroform	< 5.0	5.0	ug/L	01/07/2001 10:39
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:39
Carbon tetrachloride	< 5.0	5.0	ug/L	01/07/2001 10:39
Benzene	< 5.0	5.0	ug/L	01/07/2001 10:39
1,2-Dichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:39
Trichloroethene	< 5.0	5.0	ug/L	01/07/2001 10:39
1,2-Dichloropropane	< 5.0	5.0	ug/L	01/07/2001 10:39
Bromodichloromethane	< 5.0	5.0	ug/L	01/07/2001 10:39
2-Chloroethyl vinyl ether	< 10	10	ug/L	01/07/2001 10:39
cis-1,3-Dichloropropene	< 5.0	5.0	ug/L	01/07/2001 10:39
Toluene	< 5.0	5.0	ug/L	01/07/2001 10:39
trans-1,3-Dichloropropene	< 5.0	5.0	ug/L	01/07/2001 10:39
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	01/07/2001 10:39
Tetrachloroethene	< 5.0	5.0	ug/L	01/07/2001 10:39
Dibromochloromethane	< 5.0	5.0	ug/L	01/07/2001 10:39
Chlorobenzene	< 5.0	5.0	ug/L	01/07/2001 10:39
Ethylbenzene	< 5.0	5.0	ug/L	01/07/2001 10:39
Bromoform	< 5.0	5.0	ug/L	01/07/2001 10:39
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	01/07/2001 10:39

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REPORT OF ANALYSIS

Test Results

Page 4

Client: AG/GFI Hampstead

Client Sample ID: Air Stripper 2(Pre)

Report No: 0102106

Lab ID: 0102106-002

Project: Hampstead

Collection Date: 02/07/2001 8:28

Matrix: WASTEWATER

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
<u>VOLATILE ORGANIC COMPOUNDS (EPA 624)</u>				Analyst: THP
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:18
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:18
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:18
Chloromethane	< 10	10	µg/L	02/10/2001 6:18
Vinyl chloride	< 10	10	µg/L	02/10/2001 6:18
Bromomethane	< 10	10	µg/L	02/10/2001 6:18
Chloroethane	< 10	10	µg/L	02/10/2001 6:18
Acrolein	< 100	100	µg/L	02/10/2001 6:18
1,1-Dichloroethene	< 5.0	5.0	µg/L	02/10/2001 6:18
Methylene chloride	< 5.0	5.0	µg/L	02/10/2001 6:18
Acrylonitrile	< 100	100	µg/L	02/10/2001 6:18
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	02/10/2001 6:18
1,1-Dichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:18
Chloroform	< 5.0	5.0	µg/L	02/10/2001 6:18
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:18
Carbon tetrachloride	< 5.0	5.0	µg/L	02/10/2001 6:18
Benzene	< 5.0	5.0	µg/L	02/10/2001 6:18
1,2-Dichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:18
Trichloroethene	440	50	µg/L	02/10/2001 5:46
1,2-Dichloropropane	< 5.0	5.0	µg/L	02/10/2001 6:18
Bromodichloromethane	< 5.0	5.0	µg/L	02/10/2001 6:18
2-Chloroethyl vinyl ether	< 10	10	µg/L	02/10/2001 6:18
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	02/10/2001 6:18
Toluene	< 5.0	5.0	µg/L	02/10/2001 6:18
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	02/10/2001 6:18
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:18
Tetrachloroethene	120	5.0	µg/L	02/10/2001 6:18
Dibromochloromethane	< 5.0	5.0	µg/L	02/10/2001 6:18
Chlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:18
Ethylbenzene	< 5.0	5.0	µg/L	02/10/2001 6:18
Bromoform	< 5.0	5.0	µg/L	02/10/2001 6:18
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	02/10/2001 6:18

Please see reverse side for explanation of terms and other information



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REPORT OF ANALYSIS

Test Results

Page 5

Client:	AG/GFI Hampstead	Client Sample ID:	Outfall 201(Post)
Report No:	0102106	Lab ID:	0102106-003
Project:	Hampstead	Collection Date:	02/07/2001 8:29
Matrix:	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
VOLATILE ORGANIC COMPOUNDS (EPA 624)				Analyst: THP
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:50
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:50
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:50
Chloromethane	< 10	10	µg/L	02/10/2001 6:50
Vinyl chloride	< 10	10	µg/L	02/10/2001 6:50
Bromomethane	< 10	10	µg/L	02/10/2001 6:50
Chloroethane	< 10	10	µg/L	02/10/2001 6:50
Acrolein	< 100	100	µg/L	02/10/2001 6:50
1,1-Dichloroethene	< 5.0	5.0	µg/L	02/10/2001 6:50
Methylene chloride	< 5.0	5.0	µg/L	02/10/2001 6:50
Acrylonitrile	< 100	100	µg/L	02/10/2001 6:50
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	02/10/2001 6:50
1,1-Dichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:50
Chloroform	< 5.0	5.0	µg/L	02/10/2001 6:50
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:50
Carbon tetrachloride	< 5.0	5.0	µg/L	02/10/2001 6:50
Benzene	< 5.0	5.0	µg/L	02/10/2001 6:50
1,2-Dichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:50
Trichloroethene	< 5.0	5.0	µg/L	02/10/2001 6:50
1,2-Dichloropropane	< 5.0	5.0	µg/L	02/10/2001 6:50
Bromodichloromethane	< 5.0	5.0	µg/L	02/10/2001 6:50
2-Chloroethyl vinyl ether	< 10	10	µg/L	02/10/2001 6:50
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	02/10/2001 6:50
Toluene	< 5.0	5.0	µg/L	02/10/2001 6:50
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	02/10/2001 6:50
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	02/10/2001 6:50
Tetrachloroethene	< 5.0	5.0	µg/L	02/10/2001 6:50
Dibromochloromethane	< 5.0	5.0	µg/L	02/10/2001 6:50
Chlorobenzene	< 5.0	5.0	µg/L	02/10/2001 6:50
Ethylbenzene	< 5.0	5.0	µg/L	02/10/2001 6:50
Bromoform	< 5.0	5.0	µg/L	02/10/2001 6:50
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	02/10/2001 6:50

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



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REPORT OF ANALYSIS

Test Results

Page 4

Client: AG/GFI Hampstead

Client Sample ID: Air Stripper 2(Pre)

Report No: 0103105

Lab ID: 0103105-002

Project: Hampstead

Collection Date: 03/07/2001 8:22

Matrix: WASTEWATER

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
----------	--------------	-----------------	-------	--------------------

VOLATILE ORGANIC COMPOUNDS (EPA 624)

Analyst: THP

note: Detected 2ug/L methylene chloride in the method blank.

1,2-Dichlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:17
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:17
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:17
Chloromethane	< 10	10	µg/L	03/11/2001 5:17
Vinyl chloride	< 10	10	µg/L	03/11/2001 5:17
Bromomethane	< 10	10	µg/L	03/11/2001 5:17
Chloroethane	< 10	10	µg/L	03/11/2001 5:17
Acrolein	< 100	100	µg/L	03/11/2001 5:17
1,1-Dichloroethene	< 5.0	5.0	µg/L	03/11/2001 5:17
Methylene chloride	5.0	5.0	µg/L	03/11/2001 5:17
Acrylonitrile	< 100	100	µg/L	03/11/2001 5:17
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	03/11/2001 5:17
1,1-Dichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:17
Chloroform	< 5.0	5.0	µg/L	03/11/2001 5:17
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:17
Carbon tetrachloride	< 5.0	5.0	µg/L	03/11/2001 5:17
Benzene	< 5.0	5.0	µg/L	03/11/2001 5:17
1,2-Dichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:17
Trichloroethene	410	50	µg/L	03/11/2001 4:45
1,2-Dichloropropane	< 5.0	5.0	µg/L	03/11/2001 5:17
Bromodichloromethane	< 5.0	5.0	µg/L	03/11/2001 5:17
2-Chloroethyl vinyl ether	< 10	10	µg/L	03/11/2001 5:17
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	03/11/2001 5:17
Toluene	< 5.0	5.0	µg/L	03/11/2001 5:17
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	03/11/2001 5:17
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:17
Tetrachloroethene	110	5.0	µg/L	03/11/2001 5:17
Dibromochloromethane	< 5.0	5.0	µg/L	03/11/2001 5:17
Chlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:17
Ethylbenzene	< 5.0	5.0	µg/L	03/11/2001 5:17
Bromoform	< 5.0	5.0	µg/L	03/11/2001 5:17
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	03/11/2001 5:17



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REPORT OF ANALYSIS

Test Results

Page 5

Client: AG/GFI Hampstead

Client Sample ID: Outfall 201(Post)

Report No: 0103105

Project: Hampstead

Lab ID: 0103105-003

Matrix: WASTEWATER

Collection Date: 03/07/2001 8:23

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
<u>VOLATILE ORGANIC COMPOUNDS (EPA 624)</u>				Analyst: THP
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:49
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:49
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:49
Chloromethane	< 10	10	µg/L	03/11/2001 5:49
Vinyl chloride	< 10	10	µg/L	03/11/2001 5:49
Bromomethane	< 10	10	µg/L	03/11/2001 5:49
Chloroethane	< 10	10	µg/L	03/11/2001 5:49
Acrolein	< 100	100	µg/L	03/11/2001 5:49
1,1-Dichloroethene	< 5.0	5.0	µg/L	03/11/2001 5:49
Methylene chloride	< 5.0	5.0	µg/L	03/11/2001 5:49
Acrylonitrile	< 100	100	µg/L	03/11/2001 5:49
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	03/11/2001 5:49
1,1-Dichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:49
Chloroform	< 5.0	5.0	µg/L	03/11/2001 5:49
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:49
Carbon tetrachloride	< 5.0	5.0	µg/L	03/11/2001 5:49
Benzene	< 5.0	5.0	µg/L	03/11/2001 5:49
1,2-Dichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:49
Trichloroethene	< 5.0	5.0	µg/L	03/11/2001 5:49
1,2-Dichloropropane	< 5.0	5.0	µg/L	03/11/2001 5:49
Bromodichloromethane	< 5.0	5.0	µg/L	03/11/2001 5:49
2-Chloroethyl vinyl ether	< 10	10	µg/L	03/11/2001 5:49
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	03/11/2001 5:49
Toluene	< 5.0	5.0	µg/L	03/11/2001 5:49
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	03/11/2001 5:49
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	03/11/2001 5:49
Tetrachloroethene	< 5.0	5.0	µg/L	03/11/2001 5:49
Dibromochloromethane	< 5.0	5.0	µg/L	03/11/2001 5:49
Chlorobenzene	< 5.0	5.0	µg/L	03/11/2001 5:49
Ethylbenzene	< 5.0	5.0	µg/L	03/11/2001 5:49
Bromoform	< 5.0	5.0	µg/L	03/11/2001 5:49
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	03/11/2001 5:49

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(FEBRUARY 2001)



Client: BLACK & DECKER
RFW #: 0102L996

W.O. #: 02501-004-002-0200-00
Date Received: 02-14-2001

GC/MS VOLATILE

Thirty-three (33) water samples were collected on 02-12,13-2001.

The samples and their associated QC samples were analyzed according to criteria set forth in Lionville laboratory OPs based on SW 846 Method 8260B for TCL Volatile target compounds on 02-21,22,23,24-2001.

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

1. The cooler temperature upon receipt has been recorded on the chain-of-custody.
2. The required holding time for analysis was met.
3. Non-target compounds were detected in the samples.
4. Several samples required 5 to 20-fold dilution due to high levels of target compounds.
5. All surrogate recoveries were within EPA QC limits.
6. All matrix spike recoveries were within EPA QC limits.
7. All blank spike recoveries were within EPA QC limits.
8. The method blanks contained the common laboratory contaminants Methylene Chloride and/or Acetone at levels less than 5x the CRQL.
9. Internal standard area and retention time criteria were met.
10. The analysis of sample EW-7 MS was performed from a vial containing headspace. However, this analysis produced similar results; consequently, there was no significant impact on the data. A copy of the Sample Discrepancy Report (SDR) has been enclosed.



Stephen D. Wesson
Laboratory Manager
Lionville Laboratory Incorporated

03-14-01

Date

som\group\data\bna\black&decker-0102-996.doc

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 64 pages.

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.

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.



Lionville Laboratory Sample Discrepancy Report (SDR) SDR #: 01VTCXZ

Initiator: Jodie Larsen Batch: 0102 L996 Parameter: 0624HA
 Date: 3-1-01 Samples: 0075 Matrix: URATE
 Client: Black & Decker Method: SW846/MCAWW/CLP/82603 Prep Batch: _____

1. Reason for SDR

a. COC Discrepancy Tech Profile Error Client Request Sampler Error on C-O-C
 Transcription Error Wrong Test Code Other _____

b. General Discrepancy

Missing Sample/Extract Container Broken Wrong Sample Pulled Label ID's Illegible
 Hold Time Exceeded Insufficient Sample Preservation Wrong Received Past Hold
 Improper Bottle Type Not Amenable to Analysis

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

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

The ms was rerun with Headspace because original run was not spiked. All runs match, no impact on data.
 Report & Narrate Headspace run.

2. Known or Probable Causes(s)

3. Discussion and Proposed Action

Other Description:

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

[Signature] 03.01.00

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

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

5. Final Action...signature/date:

Other Explanation:

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

[Signature] 3/9/01

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

Route	Distribution of Completed SDR	Route	Distribution of Completed SDR
<input checked="" type="checkbox"/>	X Initiator	<input type="checkbox"/>	Metals: Doughty
<input checked="" type="checkbox"/>	X Lab General Manager: M. Taylor	<input type="checkbox"/>	Inorganic: Perrone
<input checked="" type="checkbox"/>	X Project Mgr. Stone/Johnson <i>(MH)</i>	<input type="checkbox"/>	GC/LC: Pastor
<input checked="" type="checkbox"/>	X Technical Mgr. Wesson/Daniels	<input type="checkbox"/>	MS: Rychlak/Layman
<input checked="" type="checkbox"/>	X QA (file): Alberts	<input type="checkbox"/>	Log-in: Keppel
<input type="checkbox"/>	Data Management: Feldman	<input type="checkbox"/>	Admin: Soos
<input type="checkbox"/>	Sample Prep: Doughty/Kiger	<input type="checkbox"/>	Other: _____

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 1a

Cust ID:	EW-2	EW-3	EW-4	EW-5	EW-5 DUP	EW-6
Sample RFW#:	001	002	003	004	005	006
Information Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
D.F.:	20.0	5.00	10.0	10.0	10.0	1.00
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8	98 %	103 %	102 %	103 %	100 %	93 %
Surrogate Bromofluorobenzene	96 %	97 %	96 %	94 %	94 %	91 %
Recovery 1,2-Dichloroethane-d4	88 %	119 %	123 %	121 %	120 %	82 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====						
Chloromethane	200 U	50 U	100 U	100 U	100 U	10 U
Bromomethane	200 U	50 U	100 U	100 U	100 U	10 U
Vinyl Chloride	200 U	50 U	100 U	100 U	100 U	10 U
Chloroethane	200 U	50 U	100 U	100 U	100 U	10 U
Methylene Chloride	57 JB	27 B	52 B	91 B	91 B	1 JB
Acetone	200 U	22 JB	41 JB	84 JB	98 JB	2 JB
Carbon Disulfide	100 U	25 U	50 U	50 U	50 U	5 U
1,1-Dichloroethene	100 U	25 U	50 U	50 U	50 U	5 U
1,1-Dichloroethane	100 U	25 U	50 U	50 U	50 U	5 U
1,2-Dichloroethene (total)	100 U	25 U	50 U	50 U	50 U	5 U
Chloroform	100 U	25 U	50 U	50 U	50 U	5 U
1,2-Dichloroethane	100 U	25 U	50 U	50 U	50 U	5 U
2-Butanone	200 U	50 U	100 U	100 U	100 U	10 U
1,1,1-Trichloroethane	100 U	25 U	50 U	50 U	50 U	5 U
Carbon Tetrachloride	100 U	25 U	50 U	50 U	50 U	5 U
Vinyl Acetate	200 U	50 U	100 U	100 U	100 U	10 U
Bromodichloromethane	100 U	25 U	50 U	50 U	50 U	5 U
1,2-Dichloropropane	100 U	25 U	50 U	50 U	50 U	5 U
cis-1,3-Dichloropropene	100 U	25 U	50 U	50 U	50 U	5 U
Trichloroethene	1800	360	1200	720	710	14
Dibromochloromethane	100 U	25 U	50 U	50 U	50 U	5 U
1,1,2-Trichloroethane	100 U	25 U	50 U	50 U	50 U	5 U
Benzene	100 U	25 U	50 U	50 U	50 U	5 U
Trans-1,3-Dichloropropene	100 U	25 U	50 U	50 U	50 U	5 U
Bromoform	100 U	25 U	50 U	50 U	50 U	5 U
4-Methyl-2-pentanone	200 U	50 U	100 U	100 U	100 U	10 U
2-Hexanone	200 U	50 U	100 U	100 U	100 U	10 U
Tetrachloroethene	99 J	8 J	23 J	20 J	20 J	44
1,1,2,2-Tetrachloroethane	100 U	25 U	50 U	50 U	50 U	5 U

*= Outside of EPA CLP QC limits.

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 1b

Cust ID: EW-2 EW-3 EW-4 EW-5 EW-5 DUP EW-6

RFW#: 001 002 003 004 005 006

Toluene	100 U	25 U	50 U	50 U	50 U	5 U U
Chlorobenzene	100 U	25 U	50 U	50 U	50 U	5 U
Ethylbenzene	100 U	25 U	50 U	50 U	50 U	5 U
Styrene	100 U	25 U	50 U	50 U	50 U	5 U
Xylene (total)	100 U	25 U	50 U	50 U	50 U	5 U

*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.
 Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18

20

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 2a

Sample Information	Cust ID:	EW-6	EW-6	EW-7	EW-7	EW-7	EW-8
	RFW#:	006 MS	006 MSD	007	007 MS	007 MSD	008
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		93 %	93 %	99 %	91 %	91 %	97 %
Surrogate Bromofluorobenzene		92 %	92 %	98 %	91 %	90 %	94 %
Recovery 1,2-Dichloroethane-d4		84 %	85 %	86 %	78 %	82 %	85 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		7 B	7 B	2 JB	2 JB	8 B	5 U
Acetone		4 JB	4 JB	2 JB	2 J	3 JB	2 JB
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		89 %	89 %	1 J	90 %	88 %	5 U
1,1-Dichloroethane		5 U	5 U	2 J	1 J	1 J	2 J
1,2-Dichloroethene (total)		5 U	5 U	9	9	8	36
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	1 J
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		103 %	106 %	14	102 %	100 %	22
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		103 %	105 %	5 U	104 %	104 %	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		45	45	37	32	34	190
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: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 2b

Cust ID:

EW-6

EW-6

EW-7

EW-7

EW-7

EW-8

53

RFW#:

006 MS

006 MSD

007

007 MS

007 MSD

008

	006 MS	006 MSD	007	007 MS	007 MSD	008
Toluene	103 %	107 %	5 U	107 %	105 %	5 U
Chlorobenzene	107 %	111 %	5 U	112 %	109 %	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.

Lionville Laboratory, Inc.
 Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 3a

Cust ID:		EW-9	EW-10	RFW-1A	RFW-1B	RFW-2A	RFW-2B
Sample Information	RFW#:	009	010	011	012	013	014
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	5.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		92 %	92 %	102 %	99 %	101 %	103 %
Surrogate Bromofluorobenzene		92 %	91 %	93 %	98 %	93 %	95 %
Recovery 1,2-Dichloroethane-d4		83 %	82 %	115 %	88 %	115 %	117 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		50 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		50 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		50 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		50 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		9 JB	5 U	7 B	1 JB	7 B	8 B
Acetone		50 U	2 JB	8 JB	3 JB	4 JB	8 JB
Carbon Disulfide		25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 J	5 U	5 U	5 U	5 U	5 U
Chloroform		25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		25 U	5 U	5 U	5 U	5 U	1 J
2-Butanone		50 U	10 U	2 J	10 U	10 U	2 J
1,1,1-Trichloroethane		25 U	5 U	5 U	5 U	1 J	5 U
Carbon Tetrachloride		25 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		50 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		25 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		25 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene		9 J	5 U	5 U	5 U	5 J	5 U
Dibromochloromethane		25 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		25 U	5 U	5 U	5 U	5 U	5 U
Benzene		25 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		25 U	5 U	5 U	5 U	5 U	5 U
Bromoform		25 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		50 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		50 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		530	16	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		25 U	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 3b

10

Cust ID: EW-9 EW-10 RFW-1A RFW-1B RFW-2A RFW-2B

RFW#: 009 010 011 012 013 014

Toluene	25 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	25 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	25 U	5 U	5 U	5 U	5 U	5 U
Styrene	25 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	25 U	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.
Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 4a

Cust ID:		RFW-3B	RFW-4A	RFW-4B	RFW-4B DUP	RFW-6	RFW-7
Sample Information	RFW#:	015	016	017	018	019	020
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		104 %	99 %	102 %	102 %	97 %	103 %
Surrogate Bromofluorobenzene		94 %	96 %	98 %	96 %	92 %	95 %
Recovery 1,2-Dichloroethane-d4		121 %	121 %	124 %	122 %	119 %	117 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		3 JB	2 JB	5 B	4 JB	3 JB	6 B
Acetone		6 JB	4 JB	6 JB	5 JB	6 JB	5 JB
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		2 J	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		1 J	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		32	2 J	8	8	1 J	1 J
Chloroform		5 U	1 J	1 J	1 J	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		2 J	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene		13	72	13	12	5	8
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		16	74	77	77	5	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: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 4b

Cust ID:

RFW-3B

RFW-4A

RFW-4B

RFW-4B DUP

RFW-6

RFW-7

12

RFW#:

015

016

017

018

019

020

	015	016	017	018	019	020
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.

Lionville Laboratory, Inc.
 Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18

RFW Batch Number: **0102L996**

Client: **BLACK & DECKER**

Work Order: 02501004002 Page: 5a

13

Sample Information	Cust ID:	RFW-9	RFW-11B	RFW-12B	RFW-13	RFW-17	RFW-20
RFW#:	021	022	023	024	025	026	
Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	
D.F.:	1.00	1.00	5.00	1.00	1.00	1.00	
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
	Toluene-d8	96 %	93 %	93 %	94 %	100 %	100 %
Surrogate	Bromofluorobenzene	93 %	91 %	92 %	90 %	93 %	96 %
Recovery	1,2-Dichloroethane-d4	85 %	82 %	82 %	83 %	112 %	118 %
-----fl-----fl-----fl-----fl-----fl-----fl-----fl-----fl							
Chloromethane		10 U	10 U	50 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	50 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	50 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	50 U	10 U	10 U	10 U
Methylene Chloride		7 B	7 B	19 JB	7 B	3 JB	3 JB
Acetone		4 JB	3 JB	50 U	5 JB	5 JB	5 JB
Carbon Disulfide		5 U	5 U	25 U	5 U	5 U	5 U
1,1-Dichloroethene		5 U	5 U	25 U	5 U	5 U	5 U
1,1-Dichloroethane		5 U	5 U	25 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		3 J	5 U	29	5 U	5 U	5 U
Chloroform		5 U	5 U	25 U	5 U	5 U	5 U
1,2-Dichloroethane		5 U	5 U	25 U	5 U	1 J	5 U
2-Butanone		10 U	10 U	50 U	10 U	1 J	10 U
1,1,1-Trichloroethane		5 U	5 U	25 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	25 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	50 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	25 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	25 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	25 U	5 U	5 U	5 U
Trichloroethene		14	170	470	15	5 U	3 J
Dibromochloromethane		5 U	5 U	25 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	25 U	5 U	5 U	5 U
Benzene		5 U	5 U	25 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	25 U	5 U	5 U	5 U
Bromoform		5 U	5 U	25 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	50 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	50 U	10 U	10 U	10 U
Tetrachloroethene		3 J	5 J	41	69	5 U	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	25 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Cust ID: RFW-9 RFW-11B RFW-12B RFW-13 RFW-17 RFW-20

RFW#: 021 022 023 024 025 026

Toluene	5 U	5 U	25 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	25 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	25 U	5 U	5 U	5 U
Styrene	5 U	5 U	25 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	25 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.
 Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18 ST

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 6a

Sample Information	Cust ID:	RFW-21	LEISTER-1	LEISTER-2	LEISTER-DAIR Y	HAMP-22	HAMP-23
	RFW#:	027	028	029	030	031	032
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		103 %	103 %	102 %	99 %	101 %	100 %
Surrogate Bromofluorobenzene		97 %	96 %	92 %	94 %	94 %	94 %
Recovery 1,2-Dichloroethane-d4		118 %	118 %	115 %	116 %	121 %	122 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		3 JB	3 JB	3 JB	1 JB	3 JB	3 JB
Acetone		5 JB	3 JB	3 JB	3 JB	3 JB	6 JB
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		5 U	5 U	5 U	5 U	5 U	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	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	2 J	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: 0102L996 Client: BLACK & DECKER Work Order: 02501004002 Page: 6b

Cust ID: RFW-21 LEISTER-1 LEISTER-2 LEISTER-DAIR HAMP-22 HAMP-23

RFW#: 027 028 029 030 031 032

	027	028	029	030	031	032
Toluene	5 U	5 U	5 U	5 U	2 J	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.

10

Lionville Laboratory, Inc.
Volatiles by GC/MS, HSL List

Report Date: 03/09/01 11:18

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 7a

11

Sample Information	Cust ID: TRIP BLANK	VBLKOY	VBLKOY BS	VBLKOW	VBLKOH	VBLKOH BS
RFW#:	033	01LVH054-MB1	01LVH054-MB1	01LVN048-MB1	01LVH055-MB1	01LVH055-MB1
Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8	100 %	95 %	88 %	103 %	93 %	92 %
Surrogate Bromofluorobenzene	92 %	93 %	91 %	96 %	93 %	91 %
Recovery 1,2-Dichloroethane-d4	116 %	86 %	87 %	117 %	83 %	81 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====						
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10 B	3 J	4 JB	6	4 J	4 JB
Acetone	5 JB	3 J	3 JB	6 J	10 U	10 U
Carbon Disulfide	2 J	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	79 %	5 U	5 U	91 %
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	5 U	97 %	5 U	5 U	105 %
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	95 %	5 U	5 U	103 %
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: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 7b

Cust ID: TRIP BLANK

VBLKOY

VBLKOY BS

VBLKOW

VBLKOH

VBLKOH BS

13

RFW#:

033

01LVH054-MB1

01LVH054-MB1

01LVN048-MB1

01LVH055-MB1

01LVH055-MB1

Toluene	5 U	5 U	94 %	5 U	5 U	106 %
Chlorobenzene	5 U	5 U	100 %	5 U	5 U	111 %
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.

RFW Batch Number: 0102L996

Client: BLACK & DECKER

Work Order: 02501004002 Page: 8b

Cust ID: VBLKNX

VBLKOX

02

RFW#: 01LVN046-MB1 01LVN049-MB1

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

*= Outside of EPA CLP QC limits.

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-2

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-001

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

Lab File ID: h022309

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 20.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.289	200	JB

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-3

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-002

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

Lab File ID: n022215

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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-4

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-003

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

Lab File ID: n022213

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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-5

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-004

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

Lab File ID: n022217

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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-5 DUP

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-005

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

Lab File ID: n022218

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-006

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

Lab File ID: h022306

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-007

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

Lab File ID: h022307

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	18.331	20	J
2.	SILOXANE	22.280	60	JB
3.	UNKNOWN	25.558	20	JB

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-8

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-008

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

Lab File ID: h022308

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	18.332	30	J
2.	SILOXANE	22.281	60	JB
3.	UNKNOWN	25.559	20	JB

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-9

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-009

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

Lab File ID: h022310

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec. _____

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-010

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

Lab File ID: h022311

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.292	10	JB
2.	UNKNOWN	25.559	10	JB

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-1A

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-011

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

Lab File ID: n022115

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-012

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

Lab File ID: h022320

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-013

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

Lab File ID: n022116

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-014

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

Lab File ID: n022117

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-015

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

Lab File ID: n022311

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-016

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

Lab File ID: n022312

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-017

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

Lab File ID: n022313

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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 DUP

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-018

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

Lab File ID: n022314

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-019

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

Lab File ID: n022315

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-020

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

Lab File ID: n022118

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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-9

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-021

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

Lab File ID: h022316

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-022

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

Lab File ID: h022317

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.289	80	JB
2.	UNKNOWN	25.557	40	JB
3.	UNKNOWN	27.748	6	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-12B

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-023

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

Lab File ID: h022407

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/24/01

Column: (pack/cap) CAP

Dilution Factor: 5.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.283	200	JB
2.	UNKNOWN	25.561	100	JB

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-13

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-024

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

Lab File ID: h022319

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.290	10	JB
2.	UNKNOWN	25.558	9	JB

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-17

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-025

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

Lab File ID: n022109

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.696	20	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-20

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-026

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

Lab File ID: n022110

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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-21

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-027

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

Lab File ID: n022111

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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-1

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-028

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

Lab File ID: n022112

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec. _____

Date Analyzed: 02/21/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-029

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

Lab File ID: n022211

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.988	20	J
2.	UNKNOWN	8.563	7	J
3.	UNKNOWN	8.691	100	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LEISTER-DAIRY

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-030

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

Lab File ID: n022212

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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-22

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-031

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

Lab File ID: n022216

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-032

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

Lab File ID: n022214

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0102L996-033

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

Lab File ID: n022119

Level: (low/med) LOW

Date Received: 02/14/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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.

VBLKOY

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 01LVH054-MB1

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

Lab File ID: h022305

Level: (low/med) LOW

Date Received: 02/23/01

% Moisture: not dec.

Date Analyzed: 02/23/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.281	8	J
2.	UNKNOWN	25.558	2	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

VBLKOW

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 01LVN048-MB1

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

Lab File ID: n022210

Level: (low/med) LOW

Date Received: 02/22/01

% Moisture: not dec.

Date Analyzed: 02/22/01

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.

VBLKOH

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 01LVH055-MB1

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

Lab File ID: h022405

Level: (low/med) LOW

Date Received: 02/24/01

% Moisture: not dec.

Date Analyzed: 02/24/01

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	22.280	20	J
2.	UNKNOWN	25.558	4	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

VBLKNX

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 01LVN046-MB1

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

Lab File ID: n022106

Level: (low/med) LOW

Date Received: 02/21/01

% Moisture: not dec.

Date Analyzed: 02/21/01

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.

VBLKOX

Lab Name: Lionville Labs, Inc. Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 01LVN049-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: n022310

Level: (low/med) LOW Date Received: 02/23/01

% Moisture: not dec. Date Analyzed: 02/23/01

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.				

Lionville Laboratory, Inc.
 VOA ANALYTICAL DATA PACKAGE FOR
 BLACK & DECKER

DATE RECEIVED: 02/14/01

LVL LOT # :0102L996

CLIENT ID	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
EW-2	001	W	01LVH054	02/13/01	N/A	02/23/01
EW-3	002	W	01LVN048	02/13/01	N/A	02/22/01
EW-4	003	W	01LVN048	02/13/01	N/A	02/22/01
EW-5	004	W	01LVN048	02/13/01	N/A	02/22/01
EW-5 DUP	005	W	01LVN048	02/13/01	N/A	02/22/01
EW-6	006	W	01LVH054	02/13/01	N/A	02/23/01
EW-6	006 MS	W	01LVH054	02/13/01	N/A	02/23/01
EW-6	006 MSD	W	01LVH054	02/13/01	N/A	02/23/01
EW-7	007	W	01LVH054	02/13/01	N/A	02/23/01
EW-7	007 MS	W	01LVH055	02/13/01	N/A	02/24/01
EW-7	007 MSD	W	01LVH054	02/13/01	N/A	02/23/01
EW-8	008	W	01LVH054	02/13/01	N/A	02/23/01
EW-9	009	W	01LVH054	02/13/01	N/A	02/23/01
EW-10	010	W	01LVH054	02/13/01	N/A	02/23/01
RFW-1A	011	W	01LVN046	02/12/01	N/A	02/21/01
RFW-1B	012	W	01LVH054	02/13/01	N/A	02/23/01
RFW-2A	013	W	01LVN046	02/12/01	N/A	02/21/01
RFW-2B	014	W	01LVN046	02/12/01	N/A	02/21/01
RFW-3B	015	W	01LVN049	02/13/01	N/A	02/23/01
RFW-4A	016	W	01LVN049	02/13/01	N/A	02/23/01
RFW-4B	017	W	01LVN049	02/13/01	N/A	02/23/01
RFW-4B DUP	018	W	01LVN049	02/13/01	N/A	02/23/01
RFW-6	019	W	01LVN049	02/13/01	N/A	02/23/01
RFW-7	020	W	01LVN046	02/12/01	N/A	02/21/01
RFW-9	021	W	01LVH054	02/13/01	N/A	02/23/01
RFW-11B	022	W	01LVH054	02/13/01	N/A	02/23/01
RFW-12B	023	W	01LVH055	02/13/01	N/A	02/24/01
RFW-13	024	W	01LVH054	02/13/01	N/A	02/23/01
RFW-17	025	W	01LVN046	02/12/01	N/A	02/21/01
RFW-20	026	W	01LVN046	02/12/01	N/A	02/21/01
RFW-21	027	W	01LVN046	02/12/01	N/A	02/21/01
LEISTER-1	028	W	01LVN046	02/12/01	N/A	02/21/01
LEISTER-2	029	W	01LVN048	02/12/01	N/A	02/22/01
LEISTER-DAIRY	030	W	01LVN048	02/12/01	N/A	02/22/01
HAMP-22	031	W	01LVN048	02/13/01	N/A	02/22/01
HAMP-23	032	W	01LVN048	02/13/01	N/A	02/22/01
TRIP BLANK	033	W	01LVN046	02/12/01	N/A	02/21/01

LAB QC:

VBLKOY MB1 W 01LVH054 N/A N/A 02/23/01

Lionville Laboratory, Inc.
VOA ANALYTICAL DATA PACKAGE FOR
BLACK & DECKER

DATE RECEIVED: 02/14/01

LVL LOT # :0102L996

CLIENT ID	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
VBLKOY	MB1 BS	W	01LVH054	N/A	N/A	02/23/01
VBLKOW	MB1	W	01LVN048	N/A	N/A	02/22/01
VBLKOH	MB1	W	01LVH055	N/A	N/A	02/24/01
VBLKOH	MB1 BS	W	01LVH055	N/A	N/A	02/24/01
VBLKNX	MB1	W	01LVN046	N/A	N/A	02/21/01
VBLKOX	MB1	W	01LVN049	N/A	N/A	02/23/01

RECRA LabNet Use Only

0102L99L

Custody Transfer Record/Lab Work Request Page 1 of 4

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS



Client Black & Decker Refrigerator # AB

Est. Final Proj. Sampling Date TU 2/14/01

Project # 02501-004-0032-0200-00

Project Contact/Phone # Greg Flaszak 610-701-7213

RECRA Project Manager Mark Hallett

QC SLD84L Del Stc TAT 28 day

Date Rec'd 2/14/01 Date Due Standard 3/14/01

Account # _____

ANALYSES REQUESTED	ORGANIC				INORG	
	VOA	BNA	Pes/PCB	Herb	Metal	CN

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	RECRA LabNet Use Only	RECRA LabNet Use Only										
			MS	MSD					1	2	3	4	5	6	7	8			
	001	EW-2			W	2-13-01	945	✓											
	002	EW-3					930	✓											
	003	EW-4					920	✓											
	004	EW-5					915	✓											
	005	EW-5 Dup					915	✓											
	006	EW-6					1210	✓											
	007	EW-7					1130	✓											
	008	EW-8					1140	✓											
	009	EW-9					1150	✓											
	010	EW-10					1155	✓											

Special Instructions: _____

DATE/REVISIONS:

014B 1. ID on label reads BFW-12B.

2. matched up by coll. date & time

3. _____

4. _____

5. _____

6. _____

RECRA LabNet Use Only

Samples were:

1) Shipped _____ or Hand Delivered

Airbill # 71A

2) Ambient or Chilled

3) Received in Good Condition or N

4) Labels Indicate Properly Preserved or N

5) Received Within Holding Times or N

COC Tape was:

1) Present on Outer Package Y or N

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or N

4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec'd or N

Cooler Temp. 8.5 °C

Relinquished by	Received by	Date	Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>2-14-01</u>	<u>13:00</u>

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and RECRA LabNet Use Only COC Record? or

NOTES: _____

RECRA LabNet Use Only

Custody Transfer Record/Lab Work Request



0102L996

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

RB

Client <u>BTD</u>			Refrigerator # <u>1</u>								
Est. Final Proj. Sampling Date <u>Page 1</u>			Liquid <u>2</u>								
Project # <u>02501-004-003</u>			Solid								
Project Contact/Phone # <u>Greg F. 610701 7293</u>			Volume	Liquid <u>40m</u>							
RECRA Project Manager <u>Mark H.</u>			Solid								
QC	Del	TAT	Preservatives	<u>HCl</u>							
Date Rec'd <u>2/14/01</u>			Date Due <u>Standard</u>								
Account #			ANALYSES REQUESTED								
			ORGANIC			INORG					
			VOA	BNA	Pest/PCB	Herb	Metal	CN			
			RECRA LabNet 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	Matrix QC Chosen (✓)	Matrix	Date Collected	Time Collected					
				MS	MSD						
	011	RFW-1A	W			2-12-01	1645	✓			
	012	RFW-1B				2-13-01		✓			
	013	RFW-2A				2-13-01	1130	✓			
	014	RFW-2B				2-13-01	1215	✓			
	015	RFW-3B				2-13-01	1220	✓			
	016	RFW-4A				2-13-01	1110	✓			
	017	RFW-4B				2-13-01	1200	✓			
	018	RFW-4B Dup				2-13-01	1200	✓			
019	RFW-6				2-13-01	1205	✓				
020	RFW-7				2-12-01	1235	✓				

Special Instructions:

DATE/REVISIONS:

-
-
-
-
-
-

RECRA LabNet Use Only

Samples were:
 1) Shipped or Hand Delivered
 Airbill #
 2) Ambient or Chilled
 3) Received in Good Condition
 4) Labels Indicate Properly Preserved
 5) Received Within Holding Times

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
 Cooler Temp C

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	2/14/01	12:30				

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES:

RECRA LabNet Use Only

Custody Transfer Record/Lab Work Request Page 3 of 4



0102L996

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

RB

Client B+D	Refrigerator #	1
Est. Final Proj. Sampling Date	#/Type Container	Liquid 2
Project # 02501-004-003	Solid	
Project Contact/Phone # Greg F 610-701-7223	Volume	Liquid 40mL
RECRA Project Manager Mark H.	Solid	
QC _____ Del _____ TAT _____	Preservatives	HCl

Date Rec'd 2/14/01	Date Due _____	ANALYSES REQUESTED	ORGANIC	INORG
Account # _____		VOA	BNA	Pes/PCB
		Herb		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 GC Chosen (✓)		Matrix	Date Collected	Time Collected	RECRA LabNet Use Only												
			MS	MSD				1	2	3	4	5	6	7	8	9	10			
	021	RFW-9			W	2-13-01	920	✓												
	022	RFW-11B				2-13-01	950	✓												
	023	RFW-12B				2-13-01		✓												
	024	RFW-13				2-13-01		✓												
	025	RFW-17				2-12-01	1530	✓												
	026	RFW-20				2-12-01	1450	✓												
	027	RFW-21				2-12-01	1330	✓												
	028	Leister-1				2-12-01		✓												
	029	Leister-2				2-12-01		✓												
	030	Leister-Dairy				2-12-01		✓												

Special Instructions:	DATE/REVISIONS:
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<p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p> <p>5. _____</p> <p>6. _____</p>	<p>RECRA LabNet Use Only</p> <p>Samples were: 1) Shipped _____ or Hand Delivered _____</p> <p>Airbill # _____</p> <p>2) Ambient or Chilled _____</p> <p>3) Received in Good Condition Y or N _____</p> <p>4) Labels Indicate Properly Preserved Y or N _____</p> <p>5) Received Within Holding Times Y or N _____</p> <p>COC Tape was: 1) Present on Outer Package Y or N _____</p> <p>2) Unbroken on Outer Package Y or N _____</p> <p>3) Present on Sample Y or N _____</p> <p>4) Unbroken on Sample Y or N _____</p> <p>COC Record Present Upon Sample Rec'l Y or N _____</p> <p>Cooler Temp. _____ °C</p>
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Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	2/14/01	1300				

Discrepancies Between Samples Labels and COC Record? Y or N _____

NOTES:

RECRA LabNet Use Only

0102L99L

Custody Transfer Record/Lab Work Request Page 4 of 4

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS



64

Client BTD		Refrigerator #	AB										
Est. Final Proj. Sampling Date		#/Type Container	Liquid	Z									
Project # 02501-004-003		Solid											
Project Contact/Phone # Greg F. 610.701.7293		Volume	Liquid	40L									
RECRA Project Manager Mark H		Solid											
Del _____ TAT _____		Preservatives	HCl										
Date Rec'd 2/14/01 Date Due _____		ANALYSES REQUESTED →	ORGANIC					INORG					
Account # _____			VOA	BNA	Pest/PCB	Herb	Metal	CN					

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum Solids DL - Drum Liquids L - EP/TCLP Leachate WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓)		Matrix	Date Collected	Time Collected	RECRA LabNet Use Only													
			MS	MSD				1	2	3	4	5	6	7	8	9	10				
			HCH																		
	031	HAMP-22			W	2-13-01	1025	✓													
	032	HAMP-23			L	2-13-01	1030	✓													
	033	Tip Blank			L	2-12-01		✓													

Special Instructions: _____

DATE/REVISIONS:

- _____
- _____
- _____
- _____
- _____
- _____

RECRA LabNet 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'l Y or N _____

Cooler Temp. _____ °C

Relinquished by	Received By	Date	Time
<i>[Signature]</i>	<i>[Signature]</i>	2/14/01	1300

Relinquished by	Received by	Date	Time

Discrepancies Between Samples Labels and COC Record? Y or N _____

NOTES: