Quarterly Groundwater Monitoring Report

Prepared for

Black & Decker (U.S.) Inc.

Hampstead, Maryland

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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 July through September 2000.

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 149 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 July through September 2000 are included in Appendix B

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July through September 2000, approximately 118 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) (74 %) and tetrachlorethene (PCE) (26 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July through September 2000 are included in Appendix C.

Table 2-1
Treatment System Pumping Records - 3rd Quarter 2000
Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
July 2000	6,224,610
August 2000	6,093,586
September 2000	6,405,398

Table 2-2
Groundwater Elevation Data - 3rd Quarter 2000
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV.	TOTAL DEPTH	07/28/00 DTW	07/28/00 ELEV	8/8/00 DTW	8/8/00 ELEV	9/29/00 DTW	9/29/00 ELEV
EW-1	847.21	55	DRY	--	DRY	--	DRY	--
EW-2	849.21	110	106.00	743.21	106.00	743.21	106.00	743.21
EW-3	846.64	118	91.36	755.28	90.26	756.38	90.81	755.83
EW-4	858.01	97.5	--	--	--	--	--	--
EW-5	864.17	98	86.43	777.74	87.26	776.91	87.95	776.22
EW-6	831.98	115	57.78	774.20	57.87	774.11	58.43	773.55
EW-7	818.38	78	51.70	766.68	50.98	767.40	50.65	767.73
EW-8	811.13	98	74.51	736.62	75.02	736.11	74.89	736.24
EW-9	811.35	141	101.84	709.51	102.00	709.35	101.50	709.85
EW-10	807.74	NA	56.83	750.91	56.43	751.31	56.39	751.35
RFW-1A	864.37	78	50.43	813.94	50.85	813.52	52.61	811.76
RFW-1B	864.23	200	50.46	813.77	50.87	813.36	52.64	811.59
RFW-2A	857.41	35	13.97	843.44	15.21	842.20	15.84	841.57
RFW-2B	857.73	75	14.34	843.39	15.89	841.84	16.36	841.37
RFW-3B	839.21	153	30.84	808.37	32.58	806.63	35.03	804.18
RFW-4A	830.37	62	36.76	793.61	36.45	793.92	37.27	793.10
RFW-4B	830.37	120	36.71	793.66	36.33	794.04	37.14	793.23
RFW-5A	817.50	30	DRY	--	DRY	--	DRY	--
RFW-6	785.04	120	1.63	783.41	2.71	782.33	2.13	782.91
RFW-7	805.14	29	7.11	798.03	6.84	798.30	6.89	798.25
RFW-8	860.07	56	DRY	--	DRY	--	DRY	--
RFW-9	862.02	49	26.32	835.70	26.67	835.35	27.38	834.64
RFW-10	852.06	58	DRY	--	DRY	--	DRY	--
RFW-11A	849.32	72	70.22	779.10	70.12	779.20	71.56	777.76
RFW-11B	849.62	116	77.12	772.50	77.62	772.00	78.58	771.04
RFW-12B	844.87	264	54.73	790.14	54.12	790.75	56.00	788.87
RFW-13	849.11	150	60.89	788.22	59.24	789.87	63.31	785.80
RFW-14B	812.39	281	47.13	765.26	46.97	765.42	49.78	762.61
RFW-16	856.14	41	DRY	--	DRY	--	DRY	--
RFW-17	834.66	60.5	27.17	807.49	28.90	805.76	29.02	805.64
RFW-20	842.49	142	33.88	808.61	36.08	806.41	37.21	805.28
RFW-21	832.65	102	21.23	811.42	22.04	810.61	22.85	809.80
PH-7	805.94	89	26.51	779.43	29.43	776.51	36.27	769.67
PH-9	814.94	98	36.43	778.51	38.65	776.29	43.22	771.72
PH-11	820.68	78	39.28	781.40	40.08	780.60	37.83	782.85
PH-12	828.35	87	46.11	782.24	47.24	781.11	47.07	781.28
B-3	803.02	83	6.67	796.35	6.98	796.04	6.94	796.08
Amoco	842.29	NA	28.41	813.88	28.64	813.65	28.73	813.56
Hamp. Town #22	804.96	NA	1.24	803.72	0.73	804.23	1.26	803.70
Pembroke #1	NA	NA	11.71	--	11.43	--	11.28	--
Pembroke #2	NA	NA	NA	--	NA	--	NA	--
N. Houcks. Rd.	NA	NA	10.12	--	10.87	--	10.74	--
E. Century St.	NA	NA	11.26	--	11.24	--	11.19	--
Lwr. Beckleys. Rd.	NA	NA	55.71	--	55.83	--	563.14	--

NA - Not Available/Not Accessible

Table 2-3
Effluent Characteristics Summary - 3rd Quarter 2000
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE		
					July 2000	August 2000	September 2000
001	FLOW	average	MGD	NA	0.202	0.212	0.212
		maximum	MGD	NA	0.940	0.822	0.822
	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	6.31	6.83	6.83
		maximum	STD	8.5	8.40	7.80	7.80
	BOD		mg/l	15	3	2	2
	TSS	maximum	mg/l	30	11	12	12
		quarterly average	mg/l	20	NR	NR	12
101 (Monitoring Point)	FLOW	average	MGD	NA	0.225	0.241	0.241
		maximum	MGD	NA	0.247	0.263	0.263
	Fecal Coliform		MPN/100ml	200	< 2	< 2	<2
201 (Monitoring Point)	FLOW	average	MGD	NA	0.200	0.197	0.197
		maximum	MGD	NA	0.208	0.234	0.234
	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

A summary of the analytical results from the third quarter (August 2000) 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 VOC's present were detected at levels well below the Federal Maximum Contaminant Levels (MCL).

Table 2-4
Summary of Groundwater Analytical Results - August 2000
Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2 (20)	EW-3 (5)	EW-4 (10)	EW-5 (10)	EW-6	EW-7	EW-8 (1)	EW-9 (5)	EW-9 (DUP) (5)	EW-10	RFW-1A	RFW-1B	RFW-2A
Chloromethane	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 U	10 U
Chloroethanane	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	290 B	42 B	140 B	79 B	5 B	NS	5 B	34 B	39 B	6 B	10 B	11 B	6 B
Acetone	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 B	10 U
Carbon Disulfide	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	2 J	25 U	25 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	100 U	25 U	50 U	50 U	1 J	NS	34	7 J	6 J	5 U	5 U	5 U	5 U
Chloroform	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	100 U	25 U	50 U	11 J	5 U	NS	1 J	25 U	25 U	5 U	5 U	5 U	1 J
Carbon Tetrachloride	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Bromodichloromethane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	1800	530	950	780	23	NS	23	11 J	10 J	5 U	5 U	5 U	6
Dibromochloromethane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Benzene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	1 J	25 U	25 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	2 J	10 U	10 U
2-Hexanone	ug/L	NS	200 U	50 U	100 U	100 U	10 U	NS	10 U	50 U	50 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	130	18 J	47 J	39 J	65	NS	170	590	560	20	5 U	1 J	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Toluene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Styrene	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	100 U	25 U	50 U	50 U	5 U	NS	5 U	25 U	25 U	5 U	5 U	5 U	5 U

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

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

Table 2-4
Summary of Groundwater Analytical Results - August 2000
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10	RFW-11A	RFW-11B	RFW-12B (10)
Chloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
Bromomethane	ug/L	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
Vinyl Chloride	ug/L	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
Chloroethanane	ug/L	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
Methylene Chloride	ug/L	11 B	6 B	6 B	11 B	10 B	NS	6 B	9 B	NS	9 B	NS	11 B	10 B	70 B
Acetone	ug/L	13 B	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
1,1-Dichloroethene	ug/L	5 U	2 J	5 U	5 U	5 U	NS	5 U	5 U	NS	1 J	NS	5 U	5 U	50 U
1,1-Dichloroethane	ug/L	5 U	1 J	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
1,2-Dichloroethene (total)	ug/L	5 U	30	3 J	3 J	8	NS	2 J	1 J	NS	6	NS	5 U	5 U	50 U
Chloroform	ug/L	5 U	5 U	2 J	2 J	1 J	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
1,2-Dichloroethane	ug/L	1 J	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
2-Butanone	ug/L	7 J	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
1,1,1-Trichloroethane	ug/L	5 U	3 J	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Carbon Tetrachloride	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Bromodichloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
1,2-Dichloropropane	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
cis-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Trichloroethene	ug/L	2 J	23	78	82	21	NS	13	22	NS	30	NS	47	140	2200
Dibromochloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
1,1,2-Trichloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Benzene	ug/L	5 U	5 U	2 J	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Bromoform	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS	10 U	10 U	100 U
Tetrachloroethene	ug/L	5 U	24	91	94	90	NS	13	1 J	NS	6	NS	2 J	4 J	100
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Toluene	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Chlorobenzene	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Ethylbenzene	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Styrene	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 U
Xylene (total)	ug/L	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS	5 U	5 U	50 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
Summary of Groundwater Analytical Results - August 2000
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-13	RFW-16	RFW-17	RFW-20	RFW-21	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Field Blank	Trip Blank
Chloromethane	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethanane	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	5 B	NS	6 B	6 B	10 B	1 JB	11 B	6 B	11 B	11 B	12 B	3 JB
Acetone	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 JB	10 U
Carbon Disulfide	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 J
1,1-Dichloroethene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	5 U	NS	1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	20	NS	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	83	NS	5 U	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	ug/L	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	5 U	NS	5 U	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 qua 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 (July through September 2000) 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 - 3rd Quarter 2000
Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
August 2000	EW-7 went down. EW-7 was down for one week, pump was pulled and a new pump motor was installed. Well was bleached and put back in service.
August 2000	EW-4 was not pumping, the pump was locked up and splines were worn out. Pump was down for 3 weeks, replace timer delay and clean control valve which was rusted shut and would not operate.
September 2000	Replaced relay to log valve in air stripper and also replaced printed control board.

4. RECOMMENDATIONS

For the reporting period of July through September 2000, 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 (JULY - SEPTEMBER 2000)

BLACK DECKER
AIR STRIPPER # 2
OPERATING RECORD

MONTH / YEAR

July 2000

PAST MONTH READING

489424767

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	S			↑		
2	S			354796		
3	M	0725	489956961	↑	4077	4091
4	T			406356		
5	W	1050	490363317	176807	4077	4143
6	T	0915	490540124	184757	4077	4165
7	F	0845	490724881	↑	4077	4189
8	S			↑		
9	S			626186		
10	M	0945	491351067	197755	4077	4262
11	T	0850	491548822	211845	4101	4262
12	W	0930	491760667	197132	4125	4262
13	T	0835	491957799	219089	4148	4262
14	F	1010	492176888	↑	4174	4262
15	S			↑		
16	S			605027		
17	M	0920	492781915	204568	4245	4262
18	T	0925	492986483	198568	4245	4286
19	W	0850	493185081	222804	4245	4309
20	T	1110	493407885	189192	4245	4335
21	F	0935	493597077	↑	4246	4358
22	S			↑		
23	S			610281		
24	M	1000	494207358	201120	4245	4430
25	T	0950	494408478	185940	4268	4430
26	W	0800	494594418	214976	4290	4430
27	T	0930	494809394	206656	4315	4430
28	F	1000	495016050	↑	4340	4430
29	S			↑		
30	S			609389		
31	M	1020	495625439	201336	4412	4430
Total				6224610		
Average				200794		

NEXT MONTH READING 495826775

DATE 8-1-00

BLACK DECKER
AIR STRIPPER # 2
OPERATING RECORD

MONTH / YEAR

Aug. 2000

PAST MONTH READING

4956 25439

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	T	1010	495826775	202384	4412	4454
2	W	1105	496029164	187885	4412	4479
3	T	1065	496217049	194814	4412	4502
4	F	1140	496411863	↑	4412	4527
5						
6				550854		
7	M	1010	496962717	180562	4412	4597
8	T	0915	497143279	234408	4435	4597
9	W	1010	497377687	140905	4480	4597
10	T	0925	49751892	201072	4483	4597
11	F	1110	497719664	↑	4509	4597
12						
13				552925		
14	M	1015	498272589	211577	4580	4597
15	T	1015	498484166	223291	4580	4621
16	W	1105	498707457	201076	4580	4646
17	T	0930	498908533	233433	4580	4669
18	F	1130	499141966	↑	4580	4695
19						
20				618589		
21	M	0850	499760555	214312	4580	4764
22	T	0855	499974867	23349	4604	4764
23	W	1105	500208350	212957	4630	4764
24	T	1105	500421307	214381	4654	4764
25	F	1110	500635688	↑	4679	4764
26						
27				639002		
28	M	1100	501274690	216834	4750	4764
29	T	1115	501491520	194727	4750	4788
30	W	0920	501686247	228045	4750	4810
31	T	1050	501914292	216198	4750	4836
Total				6,093,586		
Average				196567		

NEXT MONTH READING 502132490

DATE Sept. 1, 2000

BLACK DECKER
AIR STRIPPER # 2
OPERATING RECORD

MONTH / YEAR Sept. 2000

PAST MONTH READING 501914292

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	F	1105	502132490	↑	4750	4860
2				↑		
3				↑		
4	M			855878		
5	T	1045	502988368	208386	4750	4955
6	W	1000	503196754	220295	4774	4955
7	T	1046	503417049	219661	4799	4955
8	F	1100	503636710	↑	4823	4955
9				↑		
10				626444		
11	M	0945	504263154	208005	4893	4955
12	T	0910	504471159	228107	4894	4979
13	W	1040	504699266	215168	4894	5004
14	T	1045	504914434	219857	4894	5028
15	F	1120	505134291	↑	4894	5053
16				↑		
17				628616		
18	M	0940	505762907	222754	4894	5123
19	T	1035	505985661	217030	4919	5123
20	W	1100	506202691	↑	4943	5123
21	T			433251		
22	F	1135	506635942	↑	4992	5123
23				↑		
24				623026		
25	M	0945	507258968	208100	5062	5123
26	T	0915	507467068	228488	5062	5147
27	W	1055	507695554	212278	5062	5173
28	T	1055	507907834	↑	5062	5994
29	F			↑		
30				630054		
~~31~~						
Total				6405398		
Average				213513		

NEXT MONTH READING 508747905

DATE Oct. 2, 2000

APPENDIX B

DISCHARGE MONITORING REPORTS
(JULY - SEPTEMBER 2000)

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)*

FORM APPROVED
OMB No.2040-0004

MD0001881	001
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000	07	01	TO	00	07	31
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53) (54-61)* AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION *(4 Card Only)* MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
FLOW	SAMPLE MEASUREMENT	0.202	0.940	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
TRICHLOROEHTYLENE	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				6.31		8.40	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 L Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 08 | 07 YEAR | MO | DAY
TYPED OR PRINTED				

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

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

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)*

FORM APPROVED
OMB No.2040-0004

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000 *(20-21)*	07 *(22-23)*	01 *(24-25)*	TO	00 *(26-27)*	07 *(28-29)*	31 *(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	MAXIMUM	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
BOD	SAMPLE MEASUREMENT						3	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						11	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle	410-374-8025	00 | 08 | 07
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE-NUMBER	YEAR | MO | DAY

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

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

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)*

FORM APPROVED
OMB No.2040-0004

MD0001881	101
PERMIT NUMBER *(2-10)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000	07	01	TO	00	07	31
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only) (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	0.225	0.247	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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Wedder	410-374-9025	00 | 08 | 07
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE-NUMBER	YEAR | MO | DAY

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

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

NAME: 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)*

FORM APPROVED
OMB No.2040-0004

MD0001881	201
PERMIT NUMBER *(2-10)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000	07	01	TO	00	07	31
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* *(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	0.200	0.208	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
TRICHLOROEHTYLENE	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		TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 08 | 07 YEAR | MO | DAY
TYPED OR PRINTED			

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

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

NAME: **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)*

FORM APPROVED
OMB No.2040-0004

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
MD0001881	001

MONITORING PERIOD

	YEAR *(20-21)*	MO *(22-23)*	DAY *(24-25)*		YEAR *(26-27)*	MO *(28-29)*	DAY *(30-31)*
FROM	2000	08	01	TO	00	08	31

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53) (54-61)*			QUALITY OR CONCENTRATION *(4 Card Only)*				NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.212	0.822	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
TRICHLOROEHTYLENE	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				6.83		7.80	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Henry C Suominen, Jr. **AG/GFI Manger**	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 Waddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 09 | 05 YEAR | MO | DAY
TYPED OR PRINTED			

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

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

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)*

FORM APPROVED
OMB No.2040-0004

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
MD0001881	001

MONITORING PERIOD

	YEAR *(20-21)*	MO *(22-23)*	DAY *(24-25)*		YEAR *(26-27)*	MO *(28-29)*	DAY *(30-31)*
FROM	2000	08	01	TO	00	08	31

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53) (54-61)* AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION *(4 Card Only)* MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
BOD	SAMPLE MEASUREMENT						2	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						12	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 09 | 05 YEAR | MO | DAY
TYPED OR PRINTED			

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

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

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)*

FORM APPROVED
OMB No.2040-0004

MD0001881	101
PERMIT NUMBER *(2-10)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000 *(20-21)*	08 *(22-23)*	01 *(24-25)*	TO	00 *(26-27)*	08 *(28-29)*	31 *(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)*			*(4 Card Only)* QUALITY OR CONCENTRATION *(54-61)*				NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.241	0.263	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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 09 | 05 YEAR | MO | DAY
TYPED OR PRINTED				

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

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

NAME: 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)*

FORM APPROVED
OMB No.2040-0004

MD0001881	201
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000 *(20-21)*	08 *(22-23)*	01 *(24-25)*	TO	00 *(26-27)*	08 *(28-29)*	31 *(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	MAXIMUM	UNITS	*(4 Card Only)* QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
FLOW	SAMPLE MEASUREMENT	0.197	0.234	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
TRICHLOROEHTYLENE	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		TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 09 | 05 YEAR | MO | DAY
TYPED OR PRINTED			

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

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

NAME: 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)*

FORM APPROVED
OMB No.2040-0004

MD0001881	001
PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000	09	01	TO	00	09	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53)* AVERAGE	QUANTITY OR LOADING *(54-61)* MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION *(4 Card Only)* MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
FLOW	SAMPLE MEASUREMENT	0.212	0.822	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
TRICHLOROEHTYLENE	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	<5	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10	15			1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.83		7.80	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 10 | 02 ~~00 | 09 | 05~~ YEAR | MO | DAY
TYPED OR PRINTED			

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

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

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)*

FORM APPROVED
OMB No.2040-0004

PERMIT NUMBER *(2-16)*	DISCHARGE NUMBER *(17-19)*
MD0001881	001

MONITORING PERIOD

	YEAR *(20-21)*	MO *(22-23)*	DAY *(24-25)*		YEAR *(26-27)*	MO *(28-29)*	DAY *(30-31)*
FROM	2000	09	01	TO	00	09	30

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		QUANTITY OR LOADING *(3 Card Only) (46-53) (54-61)*			QUALITY OR CONCENTRATION *(4 Card Only)*				NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD	SAMPLE MEASUREMENT						2	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT					12	12	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER	00 | 09 | 05 YEAR | MO | DAY
TYPED OR PRINTED			

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

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

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)

FORM APPROVED
OMB No.2040-0004

MD0001881	101
PERMIT NUMBER (2-10)	DISCHARGE NUMBER (11-13)

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000	09	01	TO	00	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW	SAMPLE MEASUREMENT	0.241	0.263	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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Henry C Suominen, Jr. AG/GFI Manger	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 Weddle	410-374-8025	00 | 10 | 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)

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)

FORM APPROVED
OMB No.2040-0004

MD0001881	201
PERMIT NUMBER (2-10)	DISCHARGE NUMBER (11-13)

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2000	09	01	TO	00	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW	SAMPLE MEASUREMENT	0.197	0.234	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
TRICHLOROEHTYLENE	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 HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-374-9025 (AREA CODE-NUMBER)

DATE: 00 | 10 | 02 (YEAR | MO | DAY)

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

APPENDIX C

GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS (JULY - SEPTEMBER 2000)

Gascoyne Laboratories, Inc.

Baltimore, MD 21224

(410) 633-1800

FAX NO.
(410) 633-5443

www.gascoyne.com

REPORT OF ANALYSIS

Report no: 0003865

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. AIR STRIPPER 2(PRE), on 12-Jul-2000(08:13)
Laboratory Sample Number: 000013328

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	THP	16-Jul-00(09:23)
Acrylonitrile	<100 ppb	100 ppb	EPA-624	THP	16-Jul-00(09:23)
Benzene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Bromomethane	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:23)
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Chlorobenzene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Chloromethane	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:23)
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
1,1,1-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Chloroethane	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:23)
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:23)
Chloroform	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Ethylbenzene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Methylene Chloride	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Bromoform	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Tetrachloroethene	140 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Toluene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:23)
Trichloroethene	550 ppb	25 ppb	EPA-624	THP	16-Jul-00(08:51)
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:23)
Dibromofluoromethane(surrogate)	110 % Rec	NA	EPA-624	THP	16-Jul-00(09:23)

Gascoyne Laboratories, Inc.

Baltimore, MD 21224

(410) 633-1800

FAX NO.
(410) 633-5443

www.gascoyne.com

REPORT OF ANALYSIS

Report no: 0003865

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. AIR STRIPPER 2(PRE), on 12-Jul-2000(08:13)
Laboratory Sample Number: 000013328

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
1,2-Dichloroethane-d4(surrogate)	100 % Rec	NA	EPA-624	THP	16-Jul-00(09:23)
Toluene-d8(surrogate)	86 % Rec	NA	EPA-624	THP	16-Jul-00(09:23)
Bromofluorobenzene(surrogate)	98 % Rec	NA	EPA-624	THP	16-Jul-00(09:23)

Gascoyne Laboratories, Inc.

Baltimore, MD 21224

(410) 633-1800

FAX NO.
(410) 633-5443

www.gascoyne.com

REPORT OF ANALYSIS

Report no: 0003865

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. OUTFALL 201 (POST), on 12-Jul-2000(08:14)
Laboratory Sample Number: 000013329

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	THP	16-Jul-00(09:56)
Acrylonitrile	<100 ppb	100 ppb	EPA-624	THP	16-Jul-00(09:56)
Benzene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Bromomethane	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:56)
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Chlorobenzene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Chloromethane	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:56)
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
1,1,1-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Chloroethane	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:56)
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:56)
Chloroform	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Ethylbenzene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Methylene Chloride	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Bromoform	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Tetrachloroethene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Toluene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Trichloroethene	<5 ppb	5 ppb	EPA-624	THP	16-Jul-00(09:56)
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	THP	16-Jul-00(09:56)
Dibromofluoromethane(surrogate)	108 % Rec	NA	EPA-624	THP	16-Jul-00(09:56)

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REPORT OF ANALYSIS

Report no: 0003865

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. OUTFALL 201 (POST), on 12-Jul-2000(08:14)
Laboratory Sample Number: 000013329

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
1,2-Dichloroethane-d4(surrogate)	100 % Rec	NA	EPA-624	THP	16-Jul-00(09:56)
Toluene-d8(surrogate)	86 % Rec	NA	EPA-624	THP	16-Jul-00(09:56)
Bromofluorobenzene(surrogate)	102 % Rec	NA	EPA-624	THP	16-Jul-00(09:56)

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REPORT OF ANALYSIS

Report no: 0004352

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. AIR STRIPPER 2(Pre), on 02-Aug-2000(08:25)
Laboratory Sample Number: 000015365

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	THP	04-Aug-00(08:17)
Acrylonitrile	<100 ppb	100 ppb	EPA-624	THP	04-Aug-00(08:17)
Benzene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Bromomethane	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:17)
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Chlorobenzene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Chloromethane	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:17)
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
1,1,1-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Chloroethane	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:17)
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:17)
Chloroform	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Ethylbenzene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Methylene Chloride	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Bromoform	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Tetrachloroethene	140 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Toluene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:17)
Trichloroethene	320 ppb	25 ppb	EPA-624	THP	04-Aug-00(07:44)
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:17)
Dibromofluoromethane(surrogate)	103 % Rec	NA	EPA-624	THP	04-Aug-00(08:17)

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REPORT OF ANALYSIS

Report no: 0004352

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. AIR STRIPPER 2(Pre), on 02-Aug-2000(08:25)
Laboratory Sample Number: 000015365

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
1,2-Dichloroethane-d4(surrogate)	101 % Rec	NA	EPA-624	THP	04-Aug-00(08:17)
Toluene-d8(surrogate)	96 % Rec	NA	EPA-624	THP	04-Aug-00(08:17)
Bromofluorobenzene(surrogate)	97 % Rec	NA	EPA-624	THP	04-Aug-00(08:17)

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REPORT OF ANALYSIS

Report no: 0004352

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. OUTFALL 201(Post), on 02-Aug-2000(08:27)
Laboratory Sample Number: 000015366

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	THP	04-Aug-00(08:50)
Acrylonitrile	<100 ppb	100 ppb	EPA-624	THP	04-Aug-00(08:50)
Benzene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Bromomethane	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:50)
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Chlorobenzene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Chloromethane	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:50)
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
1,1,1-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Chloroethane	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:50)
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:50)
Chloroform	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Ethylbenzene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Methylene Chloride	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Bromoform	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Tetrachloroethene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Toluene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Trichloroethene	<5 ppb	5 ppb	EPA-624	THP	04-Aug-00(08:50)
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	THP	04-Aug-00(08:50)
Dibromofluoromethane(surrogate)	101 % Rec	NA	EPA-624	THP	04-Aug-00(08:50)

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

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REPORT OF ANALYSIS

Report no: 0004352

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. OUTFALL 201(Post), on 02-Aug-2000(08:27)
Laboratory Sample Number: 000015366

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
1,2-Dichloroethane-d4(surrogate)	106 % Rec	NA	EPA-624	THP	04-Aug-00(08:50)
Toluene-d8(surrogate)	96 % Rec	NA	EPA-624	THP	04-Aug-00(08:50)
Bromofluorobenzene(surrogate)	95 % Rec	NA	EPA-624	THP	04-Aug-00(08:50)

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REPORT OF ANALYSIS

Report no: 0005152

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. AIR STRIPPER 2(Pre), on 13-Sep-2000(08:35)
Laboratory Sample Number: 000018453

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	THP	17-Sep-00(05:39)
Acrylonitrile	<100 ppb	100 ppb	EPA-624	THP	17-Sep-00(05:39)
Benzene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Bromomethane	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(05:39)
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Chlorobenzene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Chloromethane	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(05:39)
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
1,1,1-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Chloroethane	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(05:39)
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(05:39)
Chloroform	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Ethylbenzene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Methylene Chloride	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Bromoform	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Tetrachloroethene	290 ppb	50 ppb	EPA-624	THP	17-Sep-00(05:07)
Toluene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(05:39)
Trichloroethene	810 ppb	50 ppb	EPA-624	THP	17-Sep-00(05:07)
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(05:39)
Dibromofluoromethane(surrogate)	117 % Rec	NA	EPA-624	THP	17-Sep-00(05:39)

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REPORT OF ANALYSIS

Report no: 0005152

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. AIR STRIPPER 2(Pre), on 13-Sep-2000(08:35)
Laboratory Sample Number: 000018453

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
1,2-Dichloroethane-d4(surrogate)	118 % Rec	NA	EPA-624	THP	17-Sep-00(05:39)
Toluene-d8(surrogate)	102 % Rec	NA	EPA-624	THP	17-Sep-00(05:39)
Bromofluorobenzene(surrogate)	101 % Rec	NA	EPA-624	THP	17-Sep-00(05:39)

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REPORT OF ANALYSIS

Report no: 0005152

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. OUTFALL 201 (Post), on 13-Sep-2000(08:37)
Laboratory Sample Number: 000018454

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
Acrolein	<100 ppb	100 ppb	EPA-624	THP	17-Sep-00(06:11)
Acrylonitrile	<100 ppb	100 ppb	EPA-624	THP	17-Sep-00(06:11)
Benzene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Bromomethane	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(06:11)
Carbon Tetrachloride	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Chlorobenzene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Chloromethane	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(06:11)
1,2-Dichloropropane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
1,1,1-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
1,1-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Chloroethane	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(06:11)
2-Chloroethylvinyl Ether	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(06:11)
Chloroform	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
1,1-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
trans-1,2-Dichloroethene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
1,2-Dichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
cis-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
trans-1,3-Dichloropropene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Ethylbenzene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Methylene Chloride	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
1,1,2-Trichloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Bromodichloromethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Bromoform	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Dibromochloromethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Trichlorofluoromethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
1,1,2,2-Tetrachloroethane	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Tetrachloroethene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Toluene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Trichloroethene	<5 ppb	5 ppb	EPA-624	THP	17-Sep-00(06:11)
Vinyl Chloride	<10 ppb	10 ppb	EPA-624	THP	17-Sep-00(06:11)
Dibromofluoromethane(surrogate)	117 % Rec	NA	EPA-624	THP	17-Sep-00(06:11)

Please see reverse side for explanation of terms and abbreviations.

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REPORT OF ANALYSIS

Report no: 0005152

Client: AG/GFI Hampstead, Inc.

Sample Id: Collected samples by: Gascoyne Labs, Inc. OUTFALL 201 (Post), on 13-Sep-2000(08:37)
Laboratory Sample Number: 000018454

Parameter	Test Results	Laboratory Reporting Limit	Method	Analyst	Date of Analysis
1,2-Dichloroethane-d4(surrogate)	115 % Rec	NA	EPA-624	THP	17-Sep-00(06:11)
Toluene-d8(surrogate)	100 % Rec	NA	EPA-624	THP	17-Sep-00(06:11)
Bromofluorobenzene(surrogate)	102 % Rec	NA	EPA-624	THP	17-Sep-00(06:11)

Please see reverse side for ...

APPENDIX D

GROUNDWATER ANALYTICAL DATA PACKAGE
(AUGUST 2000)

RECRA
ENVIRONMENTAL
INC.

Chemical and Environmental Measurement Information

Recra LabNet Philadelphia
Analytical Report

Client: BLACK & DECKER
RFW #: 0008L147

W.O. #: 02501-004-002-0200-00
Date Received: 08-09-2000

GC/MS VOLATILE

Thirty-four (34) water samples were collected on 08-03,07,08-2000.

The samples and their associated QC samples were analyzed according to criteria set forth in SW 846 Method 8260B for TCL Volatile target compounds on 08-15,16,17-2000.

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 (11.6°C) 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. Three (3) of one hundred forty-one (141) surrogate recoveries were outside EPA QC limits. The initial analysis fulfills the reanalysis requirement for sample RFW-12B DL. Sample RFW-9 was reanalyzed on 08-17-2000 and reported.

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 Acetone at levels less than 4x the CRQL. The method blank 00LVX197-MB1 also contained the target compound Bromomethane at a level less than the CRQL.

9. Internal standard area criteria were not met for sample RFW-13; however, sample was inadvertently not reanalyzed. There was no significant impact on the data because the surrogate recoveries were within criteria. A copy of the Sample Discrepancy Report (SDR) has been enclosed.

10. The sample 'FIELD BLANK' was received in a 500mL glass container and the pH was 7. A copy of the Sample Discrepancy Report (SDR) has been enclosed.

11. The water analyses were performed with the method enhancement of a 40°C heated purge to standardize the purge temperature and improve overall purging efficiency.

by _____
J. Michael Taylor
Vice President
Philadelphia Analytical Laboratory

10-19-00
Date

som\group\data\bna\black&decker-08-147.doc

208 Welsh Pool Road • Lionville, PA 19341-1333 • (610) 280-3000 • Fax (610) 280-3041

RECRA **Sample Discrepancy Report (SDR)** SDR #: 00VT207

Initiator: S. Wesson Batch: 000&L147 Parameter: 06JYH
Date: 10-06-00 Samples: 009 Matrix: water
Client: Black & Decker Method: SW846/MCAWW/CLP/ Prep Batch: 00LVX196

1. Reason for SDR

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

b. General Discrepancy

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

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

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

All Intervals are low.

2. Known or Probable Causes(s) (To be used for trend analysis)

___ Lack of Organization
___ Lack of Training
___ Lack of Discipline
___ Lack of Resources
___ Lack of Time
___ Lack of Management Support
___ Other (Please explain):

3. Discussion and Proposed Action

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

Other Description:

Report & narrate, all surrogates are ok
Sample should have been re-run but was
missed during initial review.

4. Project Manager Instructions...signature/date: [signature] 10/16/00

✓ 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: Steve 10/19/00 Other Explanation:

10/19 X Verified re-[log][leach][extract][digest][analysis] (circle)
X Included in Case Narrative
__ Hard Copy COC Revised
__ Electronic COC Revised
__ EDD Corrections Completed

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

Route/Distribution of SDR		Route	Distribution of Completed SDR
__	Initiator	__	Metals: Doughty
__	Lab Manager: M. Taylor	__	Inorganic: Perrone
__	Project Mgr: Stone/Carey/Johnson	__	GC/LC: Pastor
__	Section Mgr: Wesson/Daniels	__	MS: Layman/Rycklak
X	QA (file): Schrenkel	__	Log-in: Keppel
__	Data Management: Feldman	__	Admin: Soos
__	Sample Prep: Bickel/Kauffman	__	Other: _____

1A

Recra LabNet Philadelphia Sample Discrepancy Report (SDR) SDR #: CONT 152

Initiator: NSchneider Batch: G008147 Parameter: 0624
Date: 8/11/00 Samples: 034 (FB) Matrix: water
Client: Rue's Dealer Method: SW846/MCAWW/CLP/ Prep Batch: —

1. Reason for SDR

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

b. General Discrepancy

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

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

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

Sample 034 (FB) was rec'd in a 500 ml glass container. pH i2 7

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)

Note in narrative

4. Project Manager Instructions...signature/date: [signature] 8/14/00

✓ 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: [signature] 10/9/00 Other Explanation:

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

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
__	X Initiator	__	__ Metals: Doughty
__	X Lab Manager: M. Taylor	__	__ Inorganic: Perrone
(2)	X Project Mgr: Stone/Carey/Johnson	__	__ GC/LC: Pastor
(1)	X Section Mgr: Wesson/Daniels	__	__ MS: Durke/Rycklak
__	X QA (file): Racioppi	__	__ Log-in: Keppel
__	__ Data Management: Feldman	__	__ Admin: Soos
__	__ Sample Prep: Doughty/Kauffman	__	__ Other: _____

L-WI-006/E-02/00

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.

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 2b

Cust ID:	RFW-17	RFW-7	RFW-13	EW-6	EW-8	EW-9
RFW#:	007	008	009	010	011	012
Toluene	5 U	5 U	5 U	5 U	5 U	25 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	25 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	25 U
Styrene	5 U	5 U	5 U	5 U	5 U	25 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U	25 U

*= Outside of EPA CLP QC limits.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 10/10/00 15:02

RFW Batch Number: **0008L147** Client: **BLACK & DECKER** Work Order: 02501004002 Page: 3a

	Cust ID:	EW-9 DUP	EW-10	EW-5	EW-4	EW-3	EW-2
Sample Information	RFW#:	013	014	015	016	017	018
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	5.00	1.00	10.0	10.0	5.00	20.0
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	96 %	96 %	100 %	104 %	94 %	97 %
	Bromofluorobenzene	103 %	102 %	106 %	114 %	97 %	102 %
	1,2-Dichloroethane-d4	96 %	99 %	97 %	106 %	95 %	96 %
Chloromethane		50 U	10 U	100 U	100 U	50 U	200 U
Bromomethane		50 U	10 U	100 U	100 U	50 U	200 U
Vinyl Chloride		50 U	10 U	100 U	100 U	50 U	200 U
Chloroethane		50 U	10 U	100 U	100 U	50 U	200 U
Methylene Chloride		39 B	6 B	79 B	140 B	42 B	290 B
Acetone		50 U	10 U	100 U	100 U	50 U	200 U
Carbon Disulfide		25 U	5 U	50 U	50 U	25 U	100 U
1,1-Dichloroethene		25 U	5 U	50 U	50 U	25 U	100 U
1,1-Dichloroethane		25 U	5 U	50 U	50 U	25 U	100 U
1,2-Dichloroethene (total)		6 J	5 U	50 U	50 U	25 U	100 U
Chloroform		25 U	5 U	50 U	50 U	25 U	100 U
1,2-Dichloroethane		25 U	5 U	50 U	50 U	25 U	100 U
2-Butanone		50 U	10 U	100 U	100 U	50 U	200 U
1,1,1-Trichloroethane		25 U	5 U	11 J	50 U	25 U	100 U
Carbon Tetrachloride		25 U	5 U	50 U	50 U	25 U	100 U
Vinyl Acetate		50 U	10 U	100 U	100 U	50 U	200 U
Bromodichloromethane		25 U	5 U	50 U	50 U	25 U	100 U
1,2-Dichloropropane		25 U	5 U	50 U	50 U	25 U	100 U
cis-1,3-Dichloropropene		25 U	5 U	50 U	50 U	25 U	100 U
Trichloroethene		10 J	5 U	780	950	530	1800
Dibromochloromethane		25 U	5 U	50 U	50 U	25 U	100 U
1,1,2-Trichloroethane		25 U	5 U	50 U	50 U	25 U	100 U
Benzene		25 U	5 U	50 U	50 U	25 U	100 U
Trans-1,3-Dichloropropene		25 U	5 U	50 U	50 U	25 U	100 U
Bromoform		25 U	5 U	50 U	50 U	25 U	100 U
4-Methyl-2-pentanone		50 U	10 U	100 U	100 U	50 U	200 U
2-Hexanone		50 U	10 U	100 U	100 U	50 U	200 U
Tetrachloroethene		560	20	39 J	47 J	18 J	130
1,1,2,2-Tetrachloroethane		25 U	5 U	50 U	50 U	25 U	100 U

*= Outside of EPA CLP QC limits.

10-10-00

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.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 1a

Report Date: 10/10/00 15:02

	Cust ID:	TRIP BLANK	RFW-2A	RFW-2B	RFW-1A	RFW-21	RFW-20
Sample Information	RFW#:	001	002	003	004	005	006
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	99 %					
	Toluene-d8	99 %	100 %	98 %	99 %	97 %	100 %
	Bromofluorobenzene	94 %	106 %	104 %	100 %	101 %	104 %
	1,2-Dichloroethane-d4	83 %	92 %	94 %	94 %	93 %	94 %
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	6 B	11 B	10 B	10 B	6 B
Acetone		10 U	10 U	13 B	10 U	10 U	10 U
Carbon Disulfide		1 J	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	1 J	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	1 J	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	6	2 J	5 U	5 U	6
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Benzene		5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 3b

Cust ID:	EW-9 DUP	EW-10	EW-5	EW-4	EW-3	EW-2
RFW#:	013	014	015	016	017	018
Toluene	25 U	5 U	50 U	50 U	25 U	100 U
Chlorobenzene	25 U	5 U	50 U	50 U	25 U	100 U
Ethylbenzene	25 U	5 U	50 U	50 U	25 U	100 U
Styrene	25 U	5 U	50 U	50 U	25 U	100 U
Xylene (total)	25 U	5 U	50 U	50 U	25 U	100 U

*= Outside of EPA CLP QC limits.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

RFW Batch Number: 0008L147 Client: **BLACK & DECKER** Work Order: 02501004002 Page: 4a

Report Date: 10/10/00 15:02

	Cust ID:	LEISTER-DAIRY		LEISTER-1		LEISTER-2		RFW-4A		RFW-4A DUP		RFW-4A DUP	
Sample Information	RFW#:	019		020		021		022		023		023 MS	
	Matrix:	WATER		WATER		WATER		WATER		WATER		WATER	
	D.F.:	1.00		1.00		1.00		1.00		1.00		1.00	
	Units:	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
Surrogate Recovery	Toluene-d8	100	%	101	%	99	%	96	%	98	%	103	%
	Bromofluorobenzene	106	%	105	%	104	%	100	%	102	%	108	%
	1,2-Dichloroethane-d4	95	%	91	%	99	%	99	%	100	%	99	%
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		6	B	11	B	11	B	6	B	11	B	12	B
Acetone		10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide		5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene		5	U	5	U	5	U	5	U	5	U	101	%
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	3	J	3	J	3	J
Chloroform		5	U	5	U	5	U	2	J	2	J	1	J
1,2-Dichloroethane		5	U	5	U	5	U	5	U	5	U	5	U
2-Butanone		10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane		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	78		82		82	%
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	2	J	5	U	101	%
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		2	J	5	U	5	U	91		94		93	
1,1,2,2-Tetrachloroethane		5	U	5	U	5	U	5	U	5	U	5	U

*= Outside of EPA CLP QC limits.

10-U-00

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 1b

	Cust ID: TRIP BLANK	RFW-2A	RFW-2B	RFW-1A	RFW-21	RFW-20
	RFW#: 001	002	003	004	005	006
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.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

RFW Batch Number: 0008L147 Client: **BLACK & DECKER** Work Order: 02501004002 Page: 2a

Report Date: 10/10/00 15:02

	Cust ID:	RFW-17	RFW-7	RFW-13	EW-6	EW-8	EW-9
Sample Information	RFW#:	007	008	009	010	011	012
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	5.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	99 %	98 %	98 %	103 %	110 %	92 %
	Bromofluorobenzene	102 %	100 %	107 %	107 %	111 %	91 %
	1,2-Dichloroethane-d4	91 %	92 %	99 %	94 %	105 %	87 %
Chloromethane		10 U	10 U	10 U	10 U	10 U	50 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	50 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	50 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	50 U
Methylene Chloride		6 B	9 B	5 B	5 B	5 B	34 B
Acetone		10 U	10 U	10 U	10 U	10 U	50 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	25 U
1,1-Dichloroethene		5 U	5 U	5 U	5 U	5 U	25 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	2 J	25 U
1,2-Dichloroethene (total)		5 U	1 J	5 U	1 J	34	7 J
Chloroform		5 U	5 U	5 U	5 U	5 U	25 U
1,2-Dichloroethane		1 J	5 U	5 U	5 U	5 U	25 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	50 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	1 J	25 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U	25 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U	50 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U	25 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	25 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	25 U
Trichloroethene		5 U	22	20	23	23	11 J
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U	25 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U	25 U
Benzene		5 U	5 U	5 U	5 U	1 J	25 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	25 U
Bromoform		5 U	5 U	5 U	5 U	5 U	25 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	50 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	50 U
Tetrachloroethene		5 U	1 J	83	65	170	590
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	25 U

*= Outside of EPA CLP QC limits.

10-10-00

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 4b

Cust ID:	LEISTER-DAIRY	LEISTER-1	LEISTER-2	RFW-4A	RFW-4A DUP	RFW-4A DUP
RFW#:	019	020	021	022	023	023 MS
Toluene	5 U	5 U	5 U	5 U	5 U	101 %
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	103 %
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.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 10/10/00 15:02

RFW Batch Number: **0008L147** Client: **BLACK & DECKER** Work Order: 02501004002 Page: 5a

	Cust ID:	RFW-4A DUP	RFW-4B	RFW-6	RFW-3B	RFW-9	RFW-9
Sample Information	RFW#:	023 MSD	024	025	026	027	027
	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
							REPREP
Surrogate Recovery	Toluene-d8	103 %	97 %	99 %	101 %	111 %	110 %
	Bromofluorobenzene	110 %	95 %	108 %	110 %	118 * %	118 * %
	1,2-Dichloroethane-d4	101 %	94 %	104 %	103 %	108 %	114 %
		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		4 JB	10 B	6 B	6 B	9 B	12 B
Acetone		10 U	10 U	10 U	10 U	10 U	9 JB
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		100 %	5 U	5 U	2 J	1 J	5 U
1,1-Dichloroethane		5 U	5 U	5 U	1 J	5 U	1 J
1,2-Dichloroethene (total)		3 J	8	2 J	30	6	6
Chloroform		1 J	1 J	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	3 J	2 J	2 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		82 %	21	13	23	30	31
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		107 %	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		88	90	13	24	6	6
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: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 5b

	Cust ID: RFW-4A DUP	RFW-4B	RFW-6	RFW-3B	RFW-9	RFW-9
	RFW#: 023 MSD	024	025	026	027	027 REPREP
Toluene	102 %	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	103 %	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.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

RFW Batch Number: 0008L147 Client: **BLACK & DECKER** Work Order: 02501004002 Page: 6a Report Date: 10/10/00 15:02

	Cust ID:	RFW-9	RFW-9	HANP-22	HANP-23	RFW-11A	RFW-11B
Sample Information	RFW#:	027 MS	027 MSD	028	029	030	031
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	92 %	95 %	105 %	102 %	104 %	102 %
	Bromofluorobenzene	102 %	96 %	111 %	105 %	111 %	111 %
	1,2-Dichloroethane-d4	104 %	95 %	105 %	102 %	104 %	104 %
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		11 B	12 B	1 JB	11 B	11 B	10 B
Acetone		7 JB	10 B	10 U	10 U	10 U	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		89 %	98 %	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)		6	6	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		2 J	2 J	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		95 %	99 %	5 U	5 U	47	140
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		107 %	114 %	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	5	5 U	5 U	2 J	4 J
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: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 6b

	Cust ID:	RFW-9	RFW-9	HANP-22	HANP-23	RFW-11A	RFW-11B
	RFW#:	027 MS	027 MSD	028	029	030	031
Toluene		97 %	107 %	5 U	5 U	5 U	5 U
Chlorobenzene		101 %	108 %	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.

Recra LabNet - Lionville Laboratory

Volatiles by GC/MS, HSL List

Report Date: 10/10/00 15:02

RFW Batch Number: **0008L147** Client: **BLACK & DECKER** Work Order: 02501004002 Page: 7a

	Cust ID:	RFW-1B	RFW-12B	RFW-12B	FIELD BLANK	VBLKRZ	VBLKRY
Sample Information	RFW#:	032	033	033 DL	034	00LVX195-MB1	00LVX196-MB1
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	10.0	20.0	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	102 %	100 %	104 %	106 %	100 %	98 %
	Bromofluorobenzene	109 %	104 %	116 * %	114 %	105 %	104 %
	1,2-Dichloroethane-d4	104 %	104 %	106 %	108 %	92 %	92 %
Chloromethane		10 U	100 U	NA	10 U	10 U	10 U
Bromomethane		10 U	100 U	NA	10 U	10 U	10 U
Vinyl Chloride		10 U	100 U	NA	10 U	10 U	10 U
Chloroethane		10 U	100 U	NA	10 U	10 U	10 U
Methylene Chloride		11 B	70 B	240 B	12 B	15	10
Acetone		10 B	100 U	180 JB	10 JB	8 J	9 J
Carbon Disulfide		5 U	50 U	NA	5 U	5 U	5 U
1,1-Dichloroethene		5 U	50 U	NA	5 U	5 U	5 U
1,1-Dichloroethane		5 U	50 U	NA	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 U	50 U	NA	5 U	5 U	5 U
Chloroform		5 U	50 U	NA	5 U	5 U	5 U
1,2-Dichloroethane		5 U	50 U	NA	5 U	5 U	5 U
2-Butanone		10 U	100 U	NA	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	50 U	NA	5 U	5 U	5 U
Carbon Tetrachloride		5 U	50 U	NA	5 U	5 U	5 U
Vinyl Acetate		10 U	100 U	NA	10 U	10 U	10 U
Bromodichloromethane		5 U	50 U	NA	5 U	5 U	5 U
1,2-Dichloropropane		5 U	50 U	NA	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	50 U	NA	5 U	5 U	5 U
Trichloroethene		5 U	E	2200	5 U	5 U	5 U
Dibromochloromethane		5 U	50 U	NA	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	50 U	NA	5 U	5 U	5 U
Benzene		5 U	50 U	NA	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	50 U	NA	5 U	5 U	5 U
Bromoform		5 U	50 U	NA	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	100 U	NA	10 U	10 U	10 U
2-Hexanone		10 U	100 U	NA	10 U	10 U	10 U
Tetrachloroethene		1 J	100	95 J	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		5 U	50 U	NA	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

10-11-00

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 7b

Cust ID:	RFW-1B	RFW-12B	RFW-12B	FIELD BLANK	VBLKRZ	VBLKRY
RFW#:	032	033	033 DL	034	00LVX195-MB1	00LVX196-MB1
Toluene	5 U	50 U	NA	5 U	5 U	5 U
Chlorobenzene	5 U	50 U	NA	5 U	5 U	5 U
Ethylbenzene	5 U	50 U	NA	5 U	5 U	5 U
Styrene	5 U	50 U	NA	5 U	5 U	5 U
Xylene (total)	5 U	50 U	NA	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

	Cust ID:	VBLKRY BS	VBLKSI	VBLKSI BS	VBLKSJ	VBLKSJ BS
Sample Information	RFW#:	00LVX196-MB1	00LVX197-MB1	00LVX197-MB1	00LVX200-MB1	00LVX200-MB1
	Matrix:	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate Recovery	Toluene-d8	100 %	99 %	96 %	100 %	106 %
	Bromofluorobenzene	100 %	108 %	102 %	107 %	113 %
	1,2-Dichloroethane-d4	96 %	97 %	96 %	106 %	104 %
Chloromethane		10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	5 J	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U
Methylene Chloride		9 B	14	14 B	14	15 B
Acetone		7 JB	7 J	10 U	12	11 B
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		98 %	5 U	100 %	5 U	103 %
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	5 U	5 U
Chloroform		5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U
Trichloroethene		115 %	5 U	102 %	5 U	103 %
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U
Benzene		101 %	5 U	102 %	5 U	106 %
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

RFW Batch Number: 0008L147 Client: BLACK & DECKER Work Order: 02501004002 Page: 8b

	Cust ID: VBLKRY BS	VBLKSI	VBLKSI BS	VBLKSJ	VBLKSJ BS
	RFW#: 00LVX196-MB1	00LVX197-MB1	00LVX197-MB1	00LVX200-MB1	00LVX200-MB1
Toluene	96 %	5 U	96 %	5 U	101 %
Chlorobenzene	99 %	5 U	97 %	5 U	99 %
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081518

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/15/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081519

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/15/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-003

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081520

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/15/00

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

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-1A

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081521

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/15/00

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.				

FORM 1 VOA-TIC 12/88 Rev.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-21

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-005

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081522

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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-20

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-006

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081606

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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.				

FORM 1 VOA-TIC 12/88 Rev.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-17

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-007

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081607

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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.	1634044	PROPANE, 2-METHOXY-2-METHYL-	12.460	20	NJ

FORM 1 VOA-TIC 12/88 Rev.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-7

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-008

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081608

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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	12.145	5	J

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-13

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-009

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081609

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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.				

FORM 1 VOA-TIC 12/88 Rev.

23

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-6

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-010

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081612

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-8

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0008L147-011

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

Lab File ID: x081613

Level: (low/med) LOW

Date Received: 08/09/00

% Moisture: not dec. _____

Date Analyzed: 08/16/00

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-9

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-012

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081614

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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-9 DUP

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-013

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081615

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-014

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081616

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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-5

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0008L147-015

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

Lab File ID: x081617

Level: (low/med) LOW

Date Received: 08/09/00

% Moisture: not dec. ____

Date Analyzed: 08/16/00

Column: (pack/cap) CAP

Dilution Factor: 10.0

Number TICs found: 0

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EW-4

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-016

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081638

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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-3

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-017

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081618

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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-2

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0008L147-018

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

Lab File ID: x081627

Level: (low/med) LOW

Date Received: 08/09/00

% Moisture: not dec. _____

Date Analyzed: 08/16/00

Column: (pack/cap) CAP

Dilution Factor: 20.0

Number TICs found: 0

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LEISTER-DAIRY

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-019

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081619

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-020

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081628

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-021

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081629

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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

Number TICs found: 4 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.237	6	J
2.		UNKNOWN	12.158	6	J
3.	1634044	PROPANE, 2-METHOXY-2-METHYL-	12.473	200	NJ
4.	994058	BUTANE, 2-METHOXY-2-METHYL-	16.057	20	NJ

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-4A

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-022

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081610

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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	12.169	6	J

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-4A DUP

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-023

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081630

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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	12.165	7	J

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-4B

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-024

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081611

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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	12.166	9	J

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1L

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-6

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-025

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081633

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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.				

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-3B

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-026

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081634

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-027

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081636

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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	12.067	6.	J

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-9RE

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-027

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081709

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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	12.076	8	J

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

HANP-22

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-028

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081637

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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	12.047	7	J

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

HANP-23

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-029

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081639

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-11A

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-030

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081705

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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.				

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-11B

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-031

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081706

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-032

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081707

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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	12.072	6	J

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-12B

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0008L147-033

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

Lab File ID: x081635

Level: (low/med) LOW

Date Received: 08/09/00

% Moisture: not dec. _____

Date Analyzed: 08/16/00

Column: (pack/cap) CAP

Dilution Factor: 10.0

Number TICs found: 0

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

RFW-12BDL

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER

Lab Sample ID: 0008L147-033 DL

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

Lab File ID: x081710

Level: (low/med) LOW

Date Received: 08/09/00

% Moisture: not dec. _____

Date Analyzed: 08/17/00

Column: (pack/cap) CAP

Dilution Factor: 20.0

Number TICs found: 0

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

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

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

FIELD BLANK

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 0008L147-034

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081708

Level: (low/med) LOW Date Received: 08/09/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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.

VBLKRZ

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 00LVX195-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081517

Level: (low/med) LOW Date Received: 08/15/00

% Moisture: not dec. Date Analyzed: 08/15/00

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.

VBLKRY

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 00LVX196-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081603

Level: (low/med) LOW Date Received: 08/16/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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.				

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1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

VBLKSI

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 00LVX197-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081624

Level: (low/med) LOW Date Received: 08/16/00

% Moisture: not dec. _____ Date Analyzed: 08/16/00

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	7.695	10	J

FORM 1 VOA-TIC 12/88 Rev.

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

VBLKSJ

Lab Name: Recra.LabNet Work Order: 02501004002

Client: BLACK & DECKER

Matrix: WATER Lab Sample ID: 00LVX200-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x081703

Level: (low/med) LOW Date Received: 08/17/00

% Moisture: not dec. _____ Date Analyzed: 08/17/00

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

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

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

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

RFW LOT # :0008L147

CLIENT ID	RFW #	MTX	PREP #	COLLECTN DATE	REC	EXT/PREP	ANALYSIS
TRIP BLANK	001	W	00LVX195	08/03/00	08/09/00	N/A	08/15/00
RFW-2A	002	W	00LVX195	08/07/00	08/09/00	N/A	08/15/00
RFW-2B	003	W	00LVX195	08/07/00	08/09/00	N/A	08/15/00
RFW-1A	004	W	00LVX195	08/07/00	08/09/00	N/A	08/15/00
RFW-21	005	W	00LVX195	08/07/00	08/09/00	N/A	08/16/00
RFW-20	006	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
RFW-17	007	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
RFW-7	008	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
RFW-13	009	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-6	010	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-8	011	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-9	012	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-9 DUP	013	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-10	014	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-5	015	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-4	016	W	00LVX197	08/07/00	08/09/00	N/A	08/17/00
EW-3	017	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
EW-2	018	W	00LVX197	08/07/00	08/09/00	N/A	08/16/00
LEISTER-DAIRY	019	W	00LVX196	08/07/00	08/09/00	N/A	08/16/00
LEISTER-1	020	W	00LVX197	08/07/00	08/09/00	N/A	08/16/00
LEISTER-2	021	W	00LVX197	08/07/00	08/09/00	N/A	08/16/00
RFW-4A	022	W	00LVX196	08/08/00	08/09/00	N/A	08/16/00
RFW-4A DUP	023	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-4A DUP	023 MS	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-4A DUP	023 MSD	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-4B	024	W	00LVX196	08/08/00	08/09/00	N/A	08/16/00
RFW-6	025	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-3B	026	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-9	027	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-9	027 R1	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
RFW-9	027 MS	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
RFW-9	027 MSD	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
HANP-22	028	W	00LVX197	08/08/00	08/09/00	N/A	08/17/00
HANP-23	029	W	00LVX197	08/08/00	08/09/00	N/A	08/17/00
RFW-11A	030	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
RFW-11B	031	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
RFW-1B	032	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
RFW-12B	033	W	00LVX197	08/08/00	08/09/00	N/A	08/16/00
RFW-12B	033 D1	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00
FIELD BLANK	034	W	00LVX200	08/08/00	08/09/00	N/A	08/17/00

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

RFW LOT # :0008L147

CLIENT ID	RFW #	MTX	PREP #	COLLECTN DATE	REC	EXT/PREP	ANALYSIS
LAB QC:							
VBLKRZ	MB1	W	00LVX195	N/A	N/A	N/A	08/15/00
VBLKRY	MB1	W	00LVX196	N/A	N/A	N/A	08/16/00
VBLKRY	MB1 BS	W	00LVX196	N/A	N/A	N/A	08/16/00
VBLKSI	MB1	W	00LVX197	N/A	N/A	N/A	08/16/00
VBLKSI	MB1 BS	W	00LVX197	N/A	N/A	N/A	08/16/00
VBLKSJ	MB1	W	00LVX200	N/A	N/A	N/A	08/17/00
VBLKSJ	MB1 BS	W	00LVX200	N/A	N/A	N/A	08/17/00

RECRA LabNet Use Only
0008L147

Custody Transfer Record/Lab Work Request

Page 1 of 4

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

RECRA LabNet

Client: BLACK & DECKER

Est. Final Proj. Sampling Date: 8-8-00

Project #: 02501-004-002-0200-00

Project Contact/Phone #: TOM CHIVET (610) 701-7360

RECRA Project Manager: ROB CAREY

QC: SWB46 Del: SH TAT: 28 day

Date Rec'd: 8-9-00 Date Due: 9-6-00

Account #:

Refrigerator #																		
#/Type Container	Liquid	2/G																
	Solid																	
Volume	Liquid	40ml																
	Solid																	
Preservatives		HCl																
ANALYSES REQUESTED →			ORGANIC							INORG								
			VOA	BNA	Pest/PCB	Herb				Metal	CN							

MATRIX CODES:	Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	RECRA LabNet Use Only: CLP/H
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	001	TRIP BLANK			W	8-3-00		✓
	002	RFW-2A				8-7-00	10:50	✓
	003	RFW-2B				8-7-00	11:20	✓
	004	RFW-1A				8-7-00	12:15	✓
	005	RFW-21					13:10	✓
	006	RFW-20					14:00	✓
	007	RFW-17					14:30	✓
	008	RFW-7					15:00	✓
	009	RFW-13					17:00	✓
	010	EW-6					17:40	✓

Special Instructions:

DATE/REVISIONS:

1. 003,005,006 2EA Sed. at Bottom
2. 009,024,030
3. 033 1
4. 006 2EA air Bubble
5. 009 1EA 1
6. 034 1EA. 500 AG Field B Water ADDED TO COC

Relinquished by	Received by	Date	Time
[signature]	TReppel	8/9/00	11:40

Relinquished by	Received by	Date	Time

RECRA LabNet Use Only

Samples were: 1) Shipped ___ or Hand Delivered ✓

Airbill # N/A

2) Ambient or Chilled

3) Received in Good Condition (Y) or N

4) Labels Indicate Properly Preserved (Y) or N

5) Received Within Holding Times (Y) or N

COC Tape was: 1) Present on Outer Package Y or (N)

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or (N)

4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec't (Y) or N

Cooler Temp. 11.6 °C

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

NOTES:

RECRA LabNet Use Only
0008L147

Custody Transfer Record/Lab Work Request

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

RECRA LabNet

Client: BLACK & DECKER
Est. Final Proj. Sampling Date: 8-8-00
Project #:
Project Contact/Phone #: TOM CORNUET (610) 701-7360
RECRA Project Manager: ROB CAREY
QC: SW846 DQ: Std TAT: 28 day
Date Rec'd: 8-9-00 Date Due:
Account #:

Refrigerator #		1																			
#/Type Container	Liquid	2/G																			
	Solid																				
Volume	Liquid	40ml																			
	Solid																				
Preservatives		HCl																			
ANALYSES REQUESTED →			ORGANIC										INORG								
			VOA	BNA	Pest/PCB	Herb							Metal	CN							
			↓ RECRA LabNet Use Only ↓																		
			0&G24H																		

MATRIX CODES:	Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	0&G24H
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	011	EW-8			W	8-7-00	17:45	✓
	012	EW-9					17:50	✓
	013	EW-9 DUP					17:50	✓
	014	EW-10					17:55	✓
	015	EW-5					18:00	✓
	016	EW-4					18:10	✓
	017	EW-3					18:15	✓
	018	EW-2					18:20	✓
	019	LEISTER - DAIRY					18:45	✓
	020	LEISTER - 1					18:50	✓

Special Instructions:

DATE/REVISIONS:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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't Y or N

Cooler Temp. °C

Relinquished by	Received by	Date	Time
	TReppel	8/9/00	11:40

Relinquished by	Received by	Date	Time

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