

**QUARTERLY GROUNDWATER
MONITORING REPORT**

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

April 2005

Prepared by

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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.
- 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 is 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 CHARACTERIZATION

2.1 HYDRAULIC PROPERTIES

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of January through March 2005.

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 167 gallons per minute (gpm).

2.2 EFFLUENT CHARACTERISTICS

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration, on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of January through March 2005 are included in Appendix B

2.3 GROUNDWATER QUALITY DATA

For the reporting period of January through March 2005, approximately 35 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) (70 %) and tetrachlorethene (PCE) (30 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of January through March 2005 are included in Appendix C.

Table 2-1
Treatment System Pumping Records - 1st Quarter 2005
Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
January 2005	7,326,458
February 2005	6,437,800
March 2005	7,353,275

Table 2-2
Groundwater Elevation Data - 1st Quarter 2005
Black & Decker
Hampstead, Maryland

WELL NO	TOC ELEV	TOTAL DEPTH	1/31/05		2/15/05		3/24/05	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	102.50	746.71	98.86	750.35	98.68	750.53
EW-3	846.64	118	93.20	753.44	87.84	758.80	89.14	757.50
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	88.47	775.70	88.89	775.28	90.02	774.15
EW-6	831.98	115	83.77	748.21	83.75	748.23	84.14	747.84
EW-7	818.38	78	41.71	776.67	39.45	778.93	40.23	778.15
EW-8	811.13	98	44.74	766.39	43.30	767.83	44.92	766.21
EW-9	811.35	141	99.87	711.48	93.10	718.25	97.67	713.68
EW-10	807.74	NA	41.79	765.95	35.83	771.91	40.43	767.31
RFW-1A	864.37	78	50.91	813.46	50.31	814.06	50.39	813.98
RFW-1B	864.23	200	50.97	813.26	50.38	813.85	50.41	813.82
RFW-2A	857.41	35	13.92	843.49	13.47	843.94	13.84	843.57
RFW-2B	857.73	75	14.06	843.67	14.09	843.64	14.51	843.22
RFW-3B	839.21	153	28.48	810.73	28.37	810.84	29.44	809.77
RFW-4A	830.37	62	37.67	792.70	37.19	793.18	37.84	792.53
RFW-4B	830.37	120	37.45	792.92	36.97	793.40	37.62	792.75
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	3.86	781.18	3.74	781.30	3.50	781.54
RFW-7	805.14	29	6.42	798.72	6.20	798.94	6.43	798.71
RFW-8	860.07	56	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	25.06	836.96	24.95	837.07	25.37	836.65
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	71.33	778.29	71.28	778.34	71.83	777.79
RFW-12B	844.87	264	51.97	792.90	52.06	792.81	52.33	792.54
RFW-13	849.11	150	60.96	788.15	60.88	788.23	60.73	788.38
RFW-14B	812.39	281	34.43	777.96	33.81	778.58	34.03	778.36
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	26.78	807.88	26.43	808.23	26.97	807.69
RFW-20	842.49	142	34.01	808.48	34.02	808.47	34.30	808.19
RFW-21	832.65	102	21.83	810.82	21.23	811.42	22.07	810.58
PH-7	805.94	89	19.71	786.23	18.42	787.52	18.57	787.37
PH-9	814.94	98	34.68	780.26	33.79	781.15	34.06	780.88
PH-11	820.68	78	43.06	777.62	42.30	778.38	42.39	778.29
PH-12	828.35	87	45.53	782.82	44.60	783.75	44.81	783.54
B-3	803.02	83	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	17.22	787.74	28.03	776.93	16.11	788.85
Pembroke #1	NA	NA	11.31	NA	11.63	NA	11.84	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.17	NA	9.40	NA	9.69	NA
E. Century St.	NA	NA	12.53	NA	13.02	NA	12.91	NA
Lwr. Beckleys. Rd.	NA	NA	51.23	NA	51.08	NA	50.94	NA

NA - Not Available/Not Accessible

Table 2-3
Effluent Characteristics Summary - 1st Quarter 2005
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter	Units	Permit Limits	DMR DATE			
				January 2005	February 2005	March 2005	
001	FLOW	average	MGD	NA	0.256	0.171	0.217
		maximum	MGD	NA	1.468	0.244	0.835
	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	6.07	6.19	6.81
		maximum	STD	8.5	6.60	6.91	7.68
	BOD	mg/l	15	< 2	< 2	3.4	
TSS	maximum	mg/l	30	< 2.5	3.5	4.0	
	quarterly average	mg/l	20	NR	NR	3.3	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.305	0.294	0.297
		maximum	MGD	NA	0.338	0.311	0.349
	Fecal Coliform	MPN/100ml	200	< 2	< 2	< 2	
201 (Monitoring Point)	FLOW	average	MGD	NA	0.236	0.236	0.237
		maximum	MGD	NA	0.275	0.275	0.263
	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 first quarter (February 2005) 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. The highest concentration of PCE was detected in the groundwater sample collected from extraction well EW-9. The remainder of VOCs present were detected at levels well below the federal Maximum Contaminant Levels (MCL).

Table 2-4
 Summary of Groundwater Analytical Results - February 2005
 Black & Decker
 Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-9 DUP	EW-10
			(5)		(5)	(2)				(2)	(2)	
Chloromethane	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Bromomethane	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Vinyl Chloride	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Chloroethane	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Methylene Chloride	ug/L	NS	36 B	3 JB	29 B	10 B	3 JB	3 JB	3 JB	14 B	8 JB	3 JB
Acetone	ug/L	NS	50 U	14	50 U	8 J	10 U	10 U	6 J	47	7 J	2 J
Carbon Disulfide	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	1 J	5 U	10 U	10 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	25 U	2 J	25 U	10 U	5 U	8	18	10 U	10 U	5 U
Chloroform	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
2-Butanone	ug/L	NS	50 U	5 U	50 U	20 U	10 U	10 U	10 U	17 J	20 U	10 U
1,1,1-Trichloroethane	ug/L	NS	25 U	10 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Carbon Tetrachloride	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Bromodichloromethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloropropane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Trichloroethene	ug/L	NS	690	180	850	260	14	7	10	2 J	2 J	5 U
Dibromochloromethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1,2-Trichloroethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Benzene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Bromoform	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
4-Methyl-2-pentanone	ug/L	NS	50 U	5 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
2-Hexanone	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	3 J	20 U	10 U
Tetrachloroethene	ug/L	NS	83	10 U	27	10 J	31	12	62	250	240	10
1,1,2,2-Tetrachloroethane	ug/L	NS	25 U	6	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Toluene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Chlorobenzene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Ethylbenzene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Styrene	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Xylene (total)	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U

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

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.

Table 2-4
Summary of Groundwater Analytical Results - February 2005
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4A (DUP)	RFW-4B	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
Chloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
Bromomethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
Vinyl Chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
Methylene Chloride	ug/L	4 JB	6 B	5 B	4 JB	4 JB	3 JB	3 JB	3 JB	NS	4 JB	3 JB	NS	4 JB	NS
Acetone	ug/L	2 JB	21 B	19 B	4 JB	10 JB	7 JB	10 U	10 U	NS	6 JB	3 JB	NS	5 JB	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1-Dichloroethene	ug/L	5 U	5 U	5 U	5 U	1 J	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1-Dichloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	1 J	NS
1,2-Dichloroethene (total)	ug/L	5 U	5 U	5 U	5 U	12	2 J	2 J	7	NS	2 J	2 J	NS	9	NS
Chloroform	ug/L	5 U	5 U	5 U	5 U	5 U	1 J	1 J	5 U	NS	5 U	5 U	NS	5 U	NS
1,2-Dichloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Butanone	ug/L	10 U	5 J	4 J	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
1,1,1-Trichloroethane	ug/L	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	NS	5 U	5 U	NS	2 J	NS
Carbon Tetrachloride	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Bromodichloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,2-Dichloropropane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
cis-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Trichloroethene	ug/L	5 U	5 U	2 J	3 J	10	55	54	9	NS	10	7	NS	15	NS
Dibromochloromethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
1,1,2-Trichloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Benzene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Trans-1,3-Dichloropropene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Bromoform	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
4-Methyl-2-pentanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	10 U	10 U	NS	10 U	NS
Tetrachloroethene	ug/L	5 U	5 U	5 U	5 U	10	64	66	55	NS	7	5 U	NS	5 J	NS
1,1,2,2-Tetrachloroethane	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Toluene	ug/L	1 JB	1 JB	1 JB	1 JB	1 JB	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Chlorobenzene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Ethylbenzene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Styrene	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
Xylene (total)	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS

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

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.

Table 2-4
Summary of Groundwater Analytical Results - February 2005
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B (5)	RFW-13	RFW-16	RFW-17	RFW-20	RFW-21	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank
Chloromethane	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	3 JB	19 JB	6 B	NS	3 JB	3 JB	3 JB	4 JB	4 JB	6 B	4 JB	6 B	10 B
Acetone	ug/L	NS	10 U	50 U	8 J	NS	10 U	7 J	3 J	3 J	10 U	10 U	2 J	10 U	7 J
Carbon Disulfide	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	5 U	8 J	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	5 U	25 U	5 U	NS	1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	35	470	20	NS	5 U	2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	5 U	38	58	NS	5 U	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	NS	5 U	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

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

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

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities that were undertaken with the extraction and treatment system during the reporting period (January through March 2005) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts, as appropriate, or other routine activities).

Table 3-1
Treatment System Maintenance Activities - 1st Quarter 2005
Black & Decker
Hampstead, Maryland

Date	Event/Corrective Action
Jan-05	Replaced power pack on the Moore controller in the control panel. Installed autodialer on the alarm system.
Feb-05	The integrators on wells EW-9 & 10 were repaired. EW-2's flow meter was repaired.

4. RECOMMENDATIONS

For the reporting period of January through March 2005, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

APPENDIX A
GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
(JANUARY - MARCH 2005)

Month / Year

Jan. 05

Black & Decker
Air Stripper # 2
Operating Record

Past Month Reading

42201308

1-24-05* out → * 1-20-05 Micro-Tech here. All totals returned to zero.

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	S	12 15	42429433	216071	23711	23793
2	S	10 15	42645504	250707	23733	23793
3	M	1230	42896211	241679	23754	23793
4	T	1205	43137890	223068	23783	23793
5	W	1040	43360958	259452	23783	23816
6	T	1305	43620910	233757	23783	23842
7	F	1245	43854667	↑	23783	23866
8						
9				696848		
10	M	1125	44551515	241861	23783	23936
11	T	1150	44793376	229388	23808	23936
12	W	1120	45022764	233357	23831	23936
13	T	1105	45256121	243153	23855	23936
14	F	1145	45499274	2334521	23880	23936
15	S	9:00	45732795	2401144	23902	23936
16	S	1200	45972979	275278	23928	23936
17	M	1600	46249257	209664	23956	23936
18	T	1310	46457921	220101	23977	23936
19	W	1135	46678022	223507	23977	23959
20	T	1020	46901529	239331	23977	23982
21	F	1240	239331	↑	24002	23982
22						
23				679704		
24	M	0830	919035	268920	24070	23982
25	T	1140	248793	237727	24072	24006
26	W	1135	486520	230501	24072	24030
27	T	1055	719021	229670	24072	24053
28	F	1005	946691	↑	24072	24074
29						
30				727411		
31	M	1130	1674102	241098	24072	24150
Total				7326458		
Average				236337		

Next Month Reading 1915200

Date Feb. 1

Month / Year

Feb. 2005

Black & Decker
Air Stripper # 2
Operating Record

Past Month Reading

1674102

... increased. 199000 was water logged. Circulated 200

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	T	1150	1415200	214814	24097	24150
2	W	0940	2130014	253224	24119	24150
3	T	1110	2383238	242122	24144	24150
4	F	1140	2625360	↑	24169	24150
5						
6						
7	M	1120	3334876	709516		
8	T	1345	3596214	261338	24240	24150
9	W	1325	3831833	235619	24240	24176
10	T	1250	4062487	231154	24240	24200
11	F	1315	4305384	242397	24240	24223
12				↑	24240	24248
13						
14	M	1100	4495107	689723		
15	T	1245	5249112	254005	24240	24317
16	W	1110	5469875	220763	24266	24317
17	T	1225	5720305	250430	24288	24317
18	F	1200	5953103	232798	24314	24317
19				↑	24337	24317
20						
21	M	1205	6666095	712992		
22	T	1250	6911886	245711	24409	24317
23	W	1100	7130407	218601	24409	24342
24	T	1220	7382267	251860	24409	24364
25	F	1125	7609698	227431	24409	24390
26				↑	24409	24413
27						
28	M	1025	8312948	703250		
29				258607	24409	24484
30						
31						
Total				6437800		
Average				221993		

Next Month Reading 8571555

Date 3-1-05

Month / Year

Mar. 2005

Black & Decker
Air Stripper # 2
Operating Record

Past Month Reading

831 2948

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	T	1225	86715550	241398	24435	24484
2	W	1245	88122953	263276	24460	24484
3	T	1520	9076229	201309	24486	24484
4	F	1145	9277538	↑	24507	24484
5						
6				729887		
7	M	1320	10007425	228394	24580	24484
8	T	1230	10235819	223851	24580	24507
9	W	1100	10469670	246168	24580	24529
10	T	1150	10705838	245079	24580	24554
11	F	1235	10950917	↑	24580	24579
12						
13				723132		
14	M	1335	11674049	226949	24580	24652
15	T	1235	11900998	226592	24603	24652
16	W	1120	12127590	229393	24626	24652
17	T	1045	12356983	252906	24650	24652
18	F	1220	12609889	↑	24675	24652
19						
20				662036		
21	M	0715	13271925	252295	24742	24652
22	T	0845	13524220	252801	24742	24677
23	W	1025	13777021	215931	24742	24703
24	T	0815	13992452	↑	24742	24725
25	F					
26						
27				960933		
28	M	0910	14453885	237763	24742	24822
29	T	0405	15191648	255580	24766	24822
30	W	1045	15447228	255764	24792	24822
31	T	1230	15703027	221803	24817	24822
Total				7353275		
Average				237202		

Next Month Reading 1592 4830

Date 4-1-05

**APPENDIX B
DISCHARGE MONITORING REPORTS
(JANUARY - MARCH 2005)**

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

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

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
 PERMIT NUMBER

001
 DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR **2005** MO **01** DAY **01** TO YEAR **05** MO **01** DAY **31**

FORM APPROVED
 OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-65)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.256	1.468	MGD					0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Measured/Recorded	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT						5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					0.011	0.019			1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10	<5			1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.07		6.60	STD	0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		6.50			2/WEEK	GRAB
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 16 U.S.C. § 1301 AND 19 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
Mark Rogers AG/GFI Manger TYPED OR PRINTED								<i>Earl Weddler</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		410-374-9025	
COMMENT AND EXPLANATION OF ANY VIOLATIONS		(Reference all attachments here)						AREA CODE-NUMBER		YEAR MO DAY	

*Averages for TSS and Oil & Grease are reported quarterly.
 EPA Form 3320-1 (Rev. 9-88) Previous edition to be used until supply is exhausted.

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

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

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

FACILITY: **Hampstead, Maryland, 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
 PERMIT NUMBER

001
 DISCHARGE NUMBER

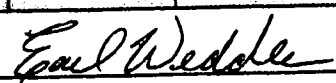
(2-18)

(17-19)

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2005	01	01	05	01	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (48-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
BOD	SAMPLE MEASUREMENT							<2		0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15			1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT							<2.5		0	1/MONTH	GRAB
	PERMIT REQUIREMENT							20	30		1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINES AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1910. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE		
Mark Rogers AG/GFI Manger								410-374-9025		05 02 02		
TYPED OR PRINTED								AREA CODE-NUMBER		YEAR MO DAY		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						 Paul Weddell				

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

*Averages for TSS and Oil & Grease are reported quarterly.
 EPA Form 3320-1 (Rev. 9-88) Previous edition to be used until supply is exhausted.

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

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
 Boston, MA 02110
 FACILITY: **Hampstead, Maryland 21074**
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881 **101**
 PERMIT NUMBER DISCHARGE NUMBER

(2-16) (17-19)

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 FROM 2005 01 01 TO 05 01 31

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

NOTE: Read instructions before completing this form.

FORM APPROVED
 OMB No. 2040-0004

PARAMETER (32-37)	X	(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	0.305	0.338	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT						<2	MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT						200			1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
Mark Rogers AG/GFI Manger							410-374-9025		05 02 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)

MD0001881 201
 PERMIT NUMBER DISCHARGE NUMBER

(2-16) (17-16)

MONITORING PERIOD

FROM 2005 01 01 TO 05 01 31

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

FORM APPROVED
 OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53)			(4 Card Only) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (68-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW	SAMPLE MEASUREMENT	0.236	0.275	MGD					0	Cont Measure/Record		
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record		
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB		
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB		
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB		
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB		
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB		
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB		
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)							TELEPHONE		DATE	
Mark Rogers AG/GFI Manger									410-374-9025		05 02 02	
TYPED OR PRINTED		Signature of <i>Emil Weddler</i>							AREA CODE-NUMBER		YEAR MO DAY	
		OFFICER OR AUTHORIZED AGENT										

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

NAME: **AG/GFI Hampstead, Inc.**
 ADDRESS: **133 Pearl Street**
Suite 400
Boston, MA 02110
 FACILITY: **Hampstead, Maryland 21074**
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881 **001**
 PERMIT NUMBER DISCHARGE NUMBER

(2-16) (17-18)

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
2005 02 01 05 02 28
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-65)	FREQUENCY OF ANALYSIS (64-68)	SAMP TYPE (69-71)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.171	0.244	MGD					0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Measured/Recorded	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRA
	PERMIT REQUIREMENT						5			1/MONTH	GRA
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRA
	PERMIT REQUIREMENT						5			1/MONTH	GRA
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRA
	PERMIT REQUIREMENT						5			1/MONTH	GRA
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	1/MONTH	GRA
	PERMIT REQUIREMENT						0.011	0.019		1/MONTH	GRA
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH	GRA
	PERMIT REQUIREMENT						10	<5		1/MONTH	GRA
pH	SAMPLE MEASUREMENT				6.19		6.91	STD	0	2/WEEK	GR/
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GR/

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER: **Mark P. Rogers 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 18 U.S.C. § 1318. (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: *Earl Weddlee*

TELEPHONE: 410-374-9025
 DATE: 05 | 03 | 03
 AREA CODE-NUMBER YEAR | MO | DA

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 DISCHARGE NUMBER

(2-16) (17-19)

MONITORING PERIOD

FROM

YEAR	MO	DAY
2005	02	01
(20-21)	(22-23)	(24-25)

 TO

YEAR	MO	DAY
05	02	28
(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53) (54-61)			QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMF TYP (69-7)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD	SAMPLE MEASUREMENT						2	0	1/MONTH	GR/
	PERMIT REQUIREMENT						15		1/MONTH	GR/
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						3.5	0	1/MONTH	GR/
	PERMIT REQUIREMENT						20 30		1/MONTH	GR/
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER: **Mark P. Rogers AG/GFI Manger**
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Earl Wedder
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: **410-374-9025**
 DATE: **05 | 03 | 05**

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

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

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

ADDRESS: **133 Pearl Street**

Suite 400

Boston, MA 02110

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881

PERMIT NUMBER

(2-18)

101

DISCHARGE NUMBER

(17-18)

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2005	02	01	05	02	28
(20-21)	(22-23)	(24-28)	(28-27)	(28-28)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYP (69-7)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.294	0.311	MGD					0	Cont Measure/Rec	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
FECAL COLIFORM	SAMPLE MEASUREMENT					<2		MPN/100ml	0	1/WEEK	GR/
	PERMIT REQUIREMENT					200				1/WEEK	GR/
	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

Mark P. Rogers
AG/GFI Manger

TYPED OR PRINTED

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Earl Weddole
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

AREA CODE-NUMBER

DATE

05 | 03 | 05

YEAR | MO | D

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

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

FACILITY: Hampstead, Maryland 21074

LOCATION: CARROLL COUNTY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)


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

FORM APPROVED
 OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2005	02	01	05	02	28
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53)			(4 Card Only) (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	0.236	0.275	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						N/A			1/MONTH GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER	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 31 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE
Mark P. Rogers AG/GFI Manger TYPED OR PRINTED		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025 AREA CODE-NUMBER

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

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

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

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
 PERMIT NUMBER
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001
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FORM APPROVED
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YEAR	MO	DAY	YEAR	MO	DAY
2005	03	01	05	03	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)		SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		1/MONTH	GRAB	
FLOW	SAMPLE MEASUREMENT	0.217	0.835	MGD					0	Measured/Recorded		
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								Measured/Recorded	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						5			1/MONTH	GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						5			1/MONTH	GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						5			1/MONTH	GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					0.011	0.019			1/MONTH	GRAB	
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						10			1/MONTH	GRAB	
pH	SAMPLE MEASUREMENT				6.81		7.68	STD	0	2/WEEK	GRAB	
	PERMIT REQUIREMENT				6.00		8.50			2/WEEK	GRAB	

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Mark P. Rogers
AG/GFI Manger

TYPED OR PRINTED

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Earl Weddell

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

AREA CODE NUMBER

DATE

05 | 04 | 05

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

Averages for TSS and Oil & Grease are reported quarterly.

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

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

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

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 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881
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MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2005	03	01	05	03	31

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PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			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								0	1/MONTH	GRAB
	PERMIT REQUIREMENT							3.4			
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT								0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT							3.3			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT							20			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT							30			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER
Mark P. Rogers
AG/GFI Manger
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Earl Weddler
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: **410-374-9025**
 DATE: **05 | 04 | 05**
 AREA CODE-NUMBER: **410-374-9025**
 YEAR | MO | DAY

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

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DISCHARGE MONITORING REPORT (DMR)

MD0001881

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OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2005	03	01	05	03	31

FROM

TO

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.297	0.349	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
FECAL COLIFORM	SAMPLE MEASUREMENT					<2	MPN/ 100ml	0	1/WEEK	GRAB	
	PERMIT REQUIREMENT					200					
	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

Mark P. Rogers
AG/GFI Manger

TYPED OR PRINTED

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Earl Weddle

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TELEPHONE

410-374-9025

DATE

05 | 04 | 05

AREA CODE-NUMBER

YEAR | MO | DAY

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Boston, MA 02110

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DISCHARGE MONITORING REPORT (DMR)

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FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2005	03	01	05	03	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

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PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only)				NO. OF ANALYSIS (64-68)	FREQUENCY OF ANALYSIS (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		
FLOW	SAMPLE MEASUREMENT	0.237	0.263	MGD					0	Cont Measure/Record
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB
	PERMIT REQUIREMENT						N/A			
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB
	PERMIT REQUIREMENT						N/A			
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB
	PERMIT REQUIREMENT						N/A			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Mark P. Rogers
 AG/GFI Manger

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Earl Weddlee

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

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05 | 04 | 05

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COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
(JANUARY - MARCH 2005)



Microbac Laboratories, Inc.

Gascoyne Division

Phone: 410-633-1800
 Fax: 410-633-6553
 www.gascoyne.com

2101 Van Deman Street • Baltimore, MD 21224
CERTIFICATE OF ANALYSIS

Page 2 of 8

AG/GFI Hampstead
 133 Pearl Street
 Suite 400
 Boston, MA 02110
 Attn: Mark Rogers

Report No: 0501052
 Date Received: 1/5/2005
 Date Reported: 1/21/2005

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Lab ID: <u>0501052-002</u>	Collection Date: 1/5/2005 10:45:00 AM				
Client Sample ID: Air Stripper 2 (Pre)	Matrix: WASTEWATER				
<u>VOLATILE ORGANIC COMPOUNDS (METHOD : EPA 624)</u>					
Prep. Method: <u>NA</u>	Prep. Date: <u>NA</u>		Prep Analyst <u>NA</u>		
Chloromethane	< 10	µg/L	10	1/10/2005 6:19	THP
Vinyl chloride	< 10	µg/L	10	1/10/2005 6:19	THP
Bromomethane	< 10	µg/L	10	1/10/2005 6:19	THP
Chloroethane	< 10	µg/L	10	1/10/2005 6:19	THP
Acrolein	< 100	µg/L	100	1/10/2005 6:19	THP
1,1-Dichloroethene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Methylene chloride	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Acrylonitrile	< 100	µg/L	100	1/10/2005 6:19	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Chloroform	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Benzene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Trichloroethene	130	µg/L	5.0	1/10/2005 6:19	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Bromodichloromethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	1/10/2005 6:19	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Toluene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Tetrachloroethene	54	µg/L	5.0	1/10/2005 6:19	THP
Dibromochloromethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Chlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Ethylbenzene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
Bromoform	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:19	THP



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AG/GFI Hampstead
133 Pearl Street
Suite 400
Boston, MA 02110
Attn: Mark Rogers

Report No: 0501052
Date Received: 1/5/2005
Date Reported: 1/21/2005

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Lab ID: 0501052-003	Collection Date: 1/5/2005 10:44:00 AM				
Client Sample ID: Outfall 201 (Post)	Matrix: WASTEWATER				
VOLATILE ORGANIC COMPOUNDS (METHOD : EPA 624)					
Prep. Method: <u>NA</u>	Prep. Date: <u>NA</u>		Prep Analyst <u>NA</u>		
Chloromethane	< 10	µg/L	10	1/10/2005 6:51	THP
Vinyl chloride	< 10	µg/L	10	1/10/2005 6:51	THP
Bromomethane	< 10	µg/L	10	1/10/2005 6:51	THP
Chloroethane	< 10	µg/L	10	1/10/2005 6:51	THP
Acrolein	< 100	µg/L	100	1/10/2005 6:51	THP
1,1-Dichloroethene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Methylene chloride	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Acrylonitrile	< 100	µg/L	100	1/10/2005 6:51	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Chloroform	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Benzene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Trichloroethene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Bromodichloromethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	1/10/2005 6:51	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Toluene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Tetrachloroethene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Dibromochloromethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Chlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Ethylbenzene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
Bromoform	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	1/10/2005 6:51	THP



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AG/GFI Hampstead
 133 Pearl Street
 Suite 400
 Boston, MA 02110
 Attn: Mark Rogers

Report No: 0502050
 Date Received: 2/2/2005
 Date Reported: 2/17/2005

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Lab ID: <u>0502050-002</u>		Collection Date: 2/2/2005 9:43:00 AM			
Client Sample ID: Air Stripper 2 (Pre)		Matrix: WASTEWATER			
<u>VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 624)</u>					
Prep. Method: <u>NA</u>		Prep. Date: <u>NA</u>		Prep Analyst <u>NA</u>	
Chloromethane	< 10	µg/L	10	2/3/2005 7:16	THP
Vinyl chloride	< 10	µg/L	10	2/3/2005 7:16	THP
Bromomethane	< 10	µg/L	10	2/3/2005 7:16	THP
Chloroethane	< 10	µg/L	10	2/3/2005 7:16	THP
Acrolein	< 100	µg/L	100	2/3/2005 7:16	THP
1,1-Dichloroethene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Methylene chloride	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Acrylonitrile	< 100	µg/L	100	2/3/2005 7:16	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Chloroform	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Benzene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Trichloroethene	160	µg/L	5.0	2/3/2005 7:16	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Bromodichloromethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	2/3/2005 7:16	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Toluene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Tetrachloroethene	59	µg/L	5.0	2/3/2005 7:16	THP
Dibromochloromethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Chlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Ethylbenzene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
Bromoform	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:16	THP



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AG/GFI Hampstead
133 Pearl Street
Suite 400
Boston, MA 02110
Attn: Mark Rogers

Report No: 0502050
Date Received: 2/2/2005
Date Reported: 2/17/2005

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Lab ID: 0502050-003			Collection Date: 2/2/2005 9:42:00 AM		
Client Sample ID: Outfall 201 (Post)			Matrix: WASTEWATER		
<u>VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 624)</u>					
Prep. Method: NA	Prep. Date: NA		Prep Analyst NA		
Chloromethane	< 10	µg/L	10	2/3/2005 7:48	THP
Vinyl chloride	< 10	µg/L	10	2/3/2005 7:48	THP
Bromomethane	< 10	µg/L	10	2/3/2005 7:48	THP
Chloroethane	< 10	µg/L	10	2/3/2005 7:48	THP
Acrolein	< 100	µg/L	100	2/3/2005 7:48	THP
1,1-Dichloroethene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Methylene chloride	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Acrylonitrile	< 100	µg/L	100	2/3/2005 7:48	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Chloroform	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Benzene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Trichloroethene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Bromodichloromethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	2/3/2005 7:48	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Toluene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Tetrachloroethene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Dibromochloromethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Chlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Ethylbenzene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
Bromoform	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	2/3/2005 7:48	THP



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AG/GFI Hampstead
133 Pearl Street
Suite 400
Boston, MA 02110
Attn: Mark Rogers

Report No: 0503055 (Duplicate)
Date Received: 3/2/2005
Date Reported: 4/5/2005

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Lab ID: 0503055-001		Collection Date: 3/2/2005 12:48:00 PM			
Client Sample ID: Engineering Test Sink		Matrix: DRINKINGWATER			
VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 524.2)					
Prep. Method: <u>NA</u>	Prep. Date: <u>NA</u>	Prep Analyst <u>NA</u>			
Vinyl chloride	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,1-Dichloroethene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Methylene chloride	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
trans-1,2-Dichloroethene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
cis-1,2-Dichloroethene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Chloroform	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,1,1-Trichloroethane	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Carbon tetrachloride	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Benzene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,2-Dichloroethane	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Trichloroethene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,2-Dichloropropane	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Bromodichloromethane	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Toluene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,1,2-Trichloroethane	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Tetrachloroethene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Dibromochloromethane	1.0	ug/L	0.50	3/13/2005 12:19	THP
Chlorobenzene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Ethylbenzene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
m,p-Xylene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
o-Xylene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Styrene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Bromoform	2.2	ug/L	0.50	3/13/2005 12:19	THP
1,4-Dichlorobenzene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,2-Dichlorobenzene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
1,2,4-Trichlorobenzene	< 0.50	ug/L	0.50	3/13/2005 12:19	THP
Total Xylenes	< 1.0	ug/L	1.0	3/13/2005 12:19	THP
Total THMs	3.2	ug/L	2.0	3/13/2005 12:19	THP

Lab ID: 0503055-002
Client Sample ID: Air Stripper 2 (Pre)

Collection Date: 3/2/2005 12:54:00 PM
Matrix: WASTEWATER

VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 624)

Prep. Method: NA Prep. Date: NA Prep Analyst NA

Chloromethane	< 10	ug/L	10	3/13/2005 2:09	THP
Vinyl chloride	< 10	ug/L	10	3/13/2005 2:09	THP



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AG/GFI Hampstead
133 Pearl Street
Suite 400
Boston, MA 02110
Attn: Mark Rogers

Report No: 0503055 (Duplicate)
Date Received: 3/2/2005
Date Reported: 4/5/2005

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Bromomethane	< 10	µg/L	10	3/13/2005 2:09	THP
Chloroethane	< 10	µg/L	10	3/13/2005 2:09	THP
Acrolein	< 100	µg/L	100	3/13/2005 2:09	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Methylene chloride	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Acrylonitrile	< 100	µg/L	100	3/13/2005 2:09	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Chloroform	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Benzene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Trichloroethene	120	µg/L	5.0	3/13/2005 2:09	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Bromodichloromethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	3/13/2005 2:09	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Toluene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Tetrachloroethene	66	µg/L	5.0	3/13/2005 2:09	THP
Dibromochloromethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Chlorobenzene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Ethylbenzene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
Bromoform	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	3/13/2005 2:09	THP

Lab ID: 0503055-003
Client Sample ID: Outfall 201 (Post)

Collection Date: 3/2/2005 12:53:00 PM
Matrix: WASTEWATER

VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 624)

Prep. Method: NA

Prep. Date: NA

Prep Analyst NA

Chloromethane	< 10	µg/L	10	3/13/2005 2:41	THP
Vinyl chloride	< 10	µg/L	10	3/13/2005 2:41	THP
Bromomethane	< 10	µg/L	10	3/13/2005 2:41	THP
Chloroethane	< 10	µg/L	10	3/13/2005 2:41	THP
Acrolein	< 100	µg/L	100	3/13/2005 2:41	THP

**APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE
(FEBRUARY 2005)**



March 8, 2005

Gregg Flasinski
Weston Solutions, Inc
1400 Weston Way
West Chester, PA 19380

**Reference: Analytical Data
Black & Decker – 0502L824**

Dear Mr. Flasinski:

Lionville Laboratory Incorporated (LvLI) is pleased to deliver the following analytical data reports:

RFW Batch #	Date Received	Fraction
0502L824	02.17.05	Volatiles

If you have any questions please contact me at 610-280-3076.

Sincerely,

Lionville Laboratory Incorporated

Mark D. Haslett
Project Manager

Enclosure

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

DATE RECEIVED: 02/17/05

LVL LOT # :0502L824

CLIENT ID	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
RFW-1A	001	W	05LVX021	02/15/05	N/A	02/23/05
RFW-1A	001 MS	W	05LVX021	02/15/05	N/A	02/23/05
RFW-1A	001 MSD	W	05LVX021	02/15/05	N/A	02/23/05
RFW-1B	002	W	05LVX021	02/16/05	N/A	02/23/05
RFW-2A	003	W	05LVX021	02/15/05	N/A	02/23/05
RFW-2B	004	W	05LVX021	02/15/05	N/A	02/23/05
RFW-3B	005	W	05LVX021	02/16/05	N/A	02/23/05
RFW-4A	006	W	05LVX021	02/15/05	N/A	02/23/05
RFW-4A DUP	007	W	05LVX021	02/15/05	N/A	02/23/05
RFW-4B	008	W	05LVX021	02/15/05	N/A	02/23/05
RFW-6	009	W	05LVX021	02/16/05	N/A	02/23/05
RFW-7	010	W	05LVX021	02/15/05	N/A	02/23/05
RFW-9	011	W	05LVX021	02/15/05	N/A	02/23/05
RFW-11B	012	W	05LVX022	02/16/05	N/A	02/24/05
RFW-12B	013	W	05LVX022	02/16/05	N/A	02/24/05
RFW-17	014	W	05LVX022	02/15/05	N/A	02/24/05
RFW-20	015	W	05LVX022	02/15/05	N/A	02/24/05
RFW-21	016	W	05LVX022	02/15/05	N/A	02/24/05
EW-2	017	W	05LVX023	02/15/05	N/A	02/25/05
EW-3	018	W	05LVX023	02/15/05	N/A	02/25/05
EW-4	019	W	05LVX023	02/15/05	N/A	02/25/05
EW-5	020	W	05LVX023	02/15/05	N/A	02/25/05
EW-6	021	W	05LVX022	02/15/05	N/A	02/24/05
EW-6	021 MS	W	05LVX022	02/15/05	N/A	02/24/05
EW-6	021 MSD	W	05LVX022	02/15/05	N/A	02/24/05
EW-7	022	W	05LVX022	02/15/05	N/A	02/24/05
EW-8	023	W	05LVX022	02/15/05	N/A	02/24/05
EW-9	024	W	05LVX022	02/15/05	N/A	02/24/05
EW-9 DUP	025	W	05LVX023	02/15/05	N/A	02/25/05
EW-10	026	W	05LVX023	02/15/05	N/A	02/25/05
HAMP-22	027	W	05LVX023	02/16/05	N/A	02/25/05
HAMP-23	028	W	05LVX023	02/16/05	N/A	02/25/05
LEISTER-1	029	W	05LVX023	02/15/05	N/A	02/25/05
LEISTER-2	030	W	05LVX023	02/15/05	N/A	02/25/05
LEISTER-DAIRY	031	W	05LVX023	02/15/05	N/A	02/25/05
TRIP BLANK	032	W	05LVX023	02/15/05	N/A	02/25/05
RFW-13	033	W	05LVX023	02/15/05	N/A	02/25/05

LAB QC:

VBLKKO	MB1	W	05LVX021	N/A	N/A	02/23/05
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00000001

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

DATE RECEIVED: 02/17/05

LVL LOT # :0502L824

CLIENT ID	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
VBLKKO	MB1 BS	W	05LVX021	N/A	N/A	02/23/05
VBLKKP	MB1	W	05LVX022	N/A	N/A	02/24/05
VBLKKP	MB1 BS	W	05LVX022	N/A	N/A	02/24/05
VBLKKQ	MB1	W	05LVX023	N/A	N/A	02/25/05
VBLKKQ	MB1 BS	W	05LVX023	N/A	N/A	02/25/05



Case Narrative

Client: BLACK & DECKER
LVL #: 0502L824

W.O. #: 02501-004-002-0200-00
Date Received: 02-17-2005

GC/MS VOLATILE

Thirty-three (33) water samples were collected on 02-15,16-2005.

The samples and their associated QC samples were analyzed according to criteria set forth in Lionville Laboratory SOPs based on SW 846 Method 8260B for TCL Volatile target compounds on 02-23,24,25-2005.

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

1. All results presented in this report are derived from samples that met LvLI's sample acceptance policy.
2. The required holding time for analysis was met.
3. Non-target compounds were detected in the samples.
4. Several samples required 2 to 5-fold dilution due to high levels of target compounds.
5. All surrogate recoveries were within acceptance criteria.
6. All matrix spike recoveries were within acceptance criteria.
7. All blank spike recoveries were within acceptance criteria.
8. All method blanks with contained the common laboratory contaminants Methylene chloride and/or Acetone at levels less than the CRQL. The method blank 05LVX021-MB1 also contained the target compound Toluene at a level less than the CRQL.
9. All internal standard area and retention time criteria were met.
10. Manual integrations are performed according to SOP QA-125 to produce quality data with the utmost integrity. All manual integrations are required to be technically valid and properly documented. Appropriate technical flags are defined in the Glossary ("Technical Flags For Manual Integration").

Iain Daniels
Laboratory Manager
Lionville Laboratory Incorporated

3/8/05
Date

som\group\data\bna\black-decker\0502-824.doc

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 6 3 pages.

GLOSSARY

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.

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GLOSSARY

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.

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TECHNICAL FLAGS FOR MANUAL INTEGRATION

Manual quan modifications or integrations are performed routinely to improve the data quality for a variety of technical reasons. Documentation of these modifications should be clear and concise. The following 'flags' are used to indicate the technical reasons for quan modifications:

- MP - **Missed Peak:** Manually added peak not found by automatic quan program.
- PA - **Peak Assignment:** Quan report was changed to reflect correct peak assignment.
- RI - **Routine Integration:** Routine integrations are performed for some analytes that are consistently integrated improperly by the automatic integration programs. Examples are the Dichlorobenzene isomers on the VOA packed column and Benzo (b) fluoranthene /Benzo (k) fluoranthene which are poorly resolve on the BNA column.
- SP - **Split Peak:** The automatic integration improperly split the peak; a manual integration was performed to get the correct area.
- CB - **Co-elution/ Background:** Peak was manually integrated to eliminate contribution from co-eluting compounds, background signal, or other interference.
- PI - **Proper Integration:** A peak with poor or inconsistent integration (i.e., excessive tail) was properly integrated manually.

LVL-21-21-035/A-08/93



00000000

Batch Number: 0502L824

Client: BLACK & DECKER

Work Order: 02501004002 Page: 1b

Cust ID: RFW-1A RFW-1A RFW-1A RFW-1B RFW-2A RFW-2B
RFW#: 001 001 MS 001 MSD 002 003 004

	001	001 MS	001 MSD	002	003	004
Toluene	1 BJ	100 %	97 %	1 JB	1 JB	1 JB
Chlorobenzene	5 U	93 %	97 %	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.

RRRRRRRR

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 03/04/05 13:43

RFW Batch Number: 0502L824

Client: BLACK & DECKER

Work Order: 02501004002 Page: 2a

Cust ID:		RFW-3B	RFW-4A	RFW-4A DUP	RFW-4B	RFW-6	RFW-7
Sample Information	RFW#:	005	006	007	008	009	010
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
	Toluene-d8	99 %	101 %	101 %	95 %	98 %	98 %
Surrogate	Bromofluorobenzene	98 %	101 %	98 %	94 %	95 %	99 %
Recovery	1,2-Dichloroethane-d4	104 %	111 %	103 %	98 %	101 %	108 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		4 JB	3 JB	3 JB	3 JB	4 JB	3 JB
Acetone		10 JB	7 JB	10 U	10 U	6 JB	3 JB
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		1 J	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		12	2 J	2 J	7	2 J	5 U
Chloroform		5 U	1 J	1 J	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	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		10	55	54	9	10	7
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Benzene		5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		10	64	66	55	7	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.

Cust ID: RFW-3B RFW-4A RFW-4A DUP RFW-4B RFW-6 RFW-7

	RFW#:	005	006	007	008	009	010
Toluene		1 JB	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.

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Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 03/04/05 13:43

RFW Batch Number: 0502L824

Client: BLACK & DECKER

Work Order: 02501004002 Page: 3a

11080000

Sample Information	Cust ID:	RFW-9	RFW-11B	RFW-12B	RFW-17	RFW-20	RFW-21
	RFW#:	011	012	013	014	015	016
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	5.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate	Toluene-d8	99 %	105 %	100 %	106 %	94 %	102 %
Recovery	Bromofluorobenzene	100 %	103 %	100 %	104 %	96 %	99 %
	1,2-Dichloroethane-d4	107 %	98 %	107 %	110 %	99 %	112 %
		=====fl=====	=====fl=====	=====fl=====	=====fl=====	=====fl=====	=====fl=====
	Chloromethane	10 U	10 U	50 U	10 U	10 U	10 U
	Bromomethane	10 U	10 U	50 U	10 U	10 U	10 U
	Vinyl Chloride	10 U	10 U	50 U	10 U	10 U	10 U
	Chloroethane	10 U	10 U	50 U	10 U	10 U	10 U
	Methylene Chloride	4 JB	3 JB	19 JB	3 JB	3 JB	3 JB
	Acetone	5 JB	10 U	50 U	10 U	7 J	3 J
	Carbon Disulfide	5 U	5 U	25 U	5 U	5 U	5 U
	1,1-Dichloroethene	5 U	5 U	25 U	5 U	5 U	5 U
	1,1-Dichloroethane	1 J	5 U	25 U	5 U	5 U	5 U
	1,2-Dichloroethene (total)	9	5 U	8 J	5 U	5 U	5 U
	Chloroform	5 U	5 U	25 U	5 U	5 U	5 U
	1,2-Dichloroethane	5 U	5 U	25 U	5 U	5 U	5 U
	2-Butanone	10 U	10 U	25 U	1 J	5 U	5 U
	1,1,1-Trichloroethane	2 J	5 U	25 U	10 U	10 U	10 U
	Carbon Tetrachloride	5 U	5 U	25 U	5 U	5 U	5 U
	Vinyl Acetate	10 U	10 U	50 U	5 U	5 U	5 U
	Bromodichloromethane	5 U	5 U	25 U	10 U	10 U	10 U
	1,2-Dichloropropane	5 U	5 U	25 U	5 U	5 U	5 U
	cis-1,3-Dichloropropene	5 U	5 U	25 U	5 U	5 U	5 U
	Trichloroethene	15	35	470	5 U	5 U	5 U
	Dibromochloromethane	5 U	5 U	25 U	5 U	2 J	5 U
	1,1,2-Trichloroethane	5 U	5 U	25 U	5 U	5 U	5 U
	Benzene	5 U	5 U	25 U	5 U	5 U	5 U
	Trans-1,3-Dichloropropene	5 U	5 U	25 U	5 U	5 U	5 U
	Bromoform	5 U	5 U	25 U	5 U	5 U	5 U
	4-Methyl-2-pentanone	10 U	10 U	50 U	10 U	10 U	10 U
	2-Hexanone	10 U	10 U	50 U	10 U	10 U	10 U
	Tetrachloroethene	5 J	5 U	38	5 U	5 U	10 U
	1,1,2,2-Tetrachloroethane	5 U	5 U	25 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Cust ID: RFW-9 RFW-11B RFW-12B RFW-17 RFW-20 RFW-21

RFW#: 011 012 013 014 015 016

	011	012	013	014	015	016
Toluene	5 U	5 U	25 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	25 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	25 U	5 U	5 U	5 U
Styrene	5 U	5 U	25 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	25 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

0502L824

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 03/04/05 13:43

RFW Batch Number: 0502L824

Client: BLACK & DECKER

Work Order: 02501004002 Page: 4a

00000001

Sample Information	Cust ID:	EW-2	EW-3	EW-4	EW-5	EW-6	EW-6
	RFW#:	017	018	019	020	021	021 MS
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	5.00	1.00	5.00	2.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate	Toluene-d8	98 %	95 %	100 %	99 %	113 %	96 %
Recovery	Bromofluorobenzene	97 %	95 %	98 %	95 %	109 %	100 %
	1,2-Dichloroethane-d4	102 %	105 %	107 %	105 %	117 %	106 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		50 U	10 U	50 U	20 U	10 U	10 U
Bromomethane		50 U	10 U	50 U	20 U	10 U	10 U
Vinyl Chloride		50 U	10 U	50 U	20 U	10 U	10 U
Chloroethane		50 U	10 U	50 U	20 U	10 U	10 U
Methylene Chloride		36 B	3 JB	29 B	10 B	3 JB	2 JB
Acetone		50 U	14	50 U	8 J	10 U	11
Carbon Disulfide		25 U	5 U	25 U	10 U	5 U	5 U
1,1-Dichloroethene		25 U	5 U	25 U	10 U	5 U	89 %
1,1-Dichloroethane		25 U	5 U	25 U	10 U	5 U	5 U
1,2-Dichloroethene (total)		5 J	2 J	25 U	10 U	5 U	5 U
Chloroform		25 U	5 U	25 U	10 U	5 U	5 U
1,2-Dichloroethane		25 U	5 U	25 U	10 U	5 U	5 U
2-Butanone		50 U	10 U	50 U	20 U	10 U	5 J
1,1,1-Trichloroethane		25 U	5 U	25 U	10 U	5 U	5 U
Carbon Tetrachloride		25 U	5 U	25 U	10 U	5 U	5 U
Vinyl Acetate		50 U	10 U	50 U	20 U	10 U	10 U
Bromodichloromethane		25 U	5 U	25 U	10 U	5 U	5 U
1,2-Dichloropropane		25 U	5 U	25 U	10 U	5 U	5 U
cis-1,3-Dichloropropene		25 U	5 U	25 U	10 U	5 U	5 U
Trichloroethene		690	180	850	260	14	95 %
Dibromochloromethane		25 U	5 U	25 U	10 U	5 U	5 U
1,1,2-Trichloroethane		25 U	5 U	25 U	10 U	5 U	5 U
Benzene		25 U	5 U	25 U	10 U	5 U	99 %
Trans-1,3-Dichloropropene		25 U	5 U	25 U	10 U	5 U	5 U
Bromoform		25 U	5 U	25 U	10 U	5 U	5 U
4-Methyl-2-pentanone		50 U	10 U	50 U	20 U	10 U	10 U
2-Hexanone		50 U	10 U	50 U	20 U	10 U	10 U
Tetrachloroethene		83	6	27	10 J	31	27
1,1,2,2-Tetrachloroethane		25 U	5 U	25 U	10 U	5 U	5 U

*= Outside of EPA CLP QC limits.

	Cust ID:	EW-2	EW-3	EW-4	EW-5	EW-6	EW-6
	RFW#:	017	018	019	020	021	021 MS
Toluene		25 U	5 U	25 U	10 U	5 U	101 %
Chlorobenzene		25 U	5 U	25 U	10 U	5 U	101 %
Ethylbenzene		25 U	5 U	25 U	10 U	5 U	5 U
Styrene		25 U	5 U	25 U	10 U	5 U	5 U
Xylene (total)		25 U	5 U	25 U	10 U	5 U	5 U

*= Outside of EPA CLP QC limits.

00000014

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 03/04/05 13:43

RFW Batch Number: 0502L824

Client: BLACK & DECKER

Work Order: 02501004002 Page: 5a

00000015

Sample Information	Cust ID:	EW-6	EW-7	EW-8	EW-9	EW-9 DUP	EW-10
	RFW#:	021 MSD	022	023	024	025	026
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	2.00	2.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate	Toluene-d8	96 %	98 %	100 %	101 %	91 %	96 %
Recovery	Bromofluorobenzene	98 %	97 %	98 %	98 %	88 %	96 %
	1,2-Dichloroethane-d4	105 %	108 %	113 %	108 %	93 %	100 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	20 U	20 U	10 U
Bromomethane		10 U	10 U	10 U	20 U	20 U	10 U
Vinyl Chloride		10 U	10 U	10 U	20 U	20 U	10 U
Chloroethane		10 U	10 U	10 U	20 U	20 U	10 U
Methylene Chloride		3 BJ	3 JB	3 JB	14 B	8 BJ	3 JB
Acetone		5 J	10 U	6 J	47	7 J	2 J
Carbon Disulfide		5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethene		87 %	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethane		5 U	1 J	5 U	10 U	10 U	5 U
1,2-Dichloroethene (total)		5 U	8	18	10 U	10 U	5 U
Chloroform		5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	10 U	10 U	5 U
2-Butanone		10 U	10 U	10 U	17 J	20 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	10 U	10 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	10 U	10 U	5 U
Vinyl Acetate		10 U	10 U	10 U	20 U	20 U	10 U
Bromodichloromethane		5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	10 U	10 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	10 U	10 U	5 U
Trichloroethene		89 %	7	10	2 J	2 J	5 U
Dibromochloromethane		5 U	5 U	5 U	10 U	10 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	10 U	10 U	5 U
Benzene		95 %	5 U	5 U	10 U	10 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	10 U	10 U	5 U
Bromoform		5 U	5 U	5 U	10 U	10 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	20 U	20 U	10 U
2-Hexanone		10 U	10 U	10 U	3 J	20 U	10 U
Tetrachloroethene		27	12	62	250	240	10
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	10 U	10 U	5 U

*= Outside of EPA CLP QC limits.

Cust ID: EW-6 EW-7 EW-8 EW-9 EW-9 DUP EW-10

RFW#:	021 MSD	022	023	024	025	026
Toluene	99 %	5 U	5 U	10 U	10 U	5 U
Chlorobenzene	99 %	5 U	5 U	10 U	10 U	5 U
Ethylbenzene	5 U	5 U	5 U	10 U	10 U	5 U
Styrene	5 U	5 U	5 U	10 U	10 U	5 U
Xylene (total)	5 U	5 U	5 U	10 U	10 U	5 U

*= Outside of EPA CLP QC limits.

0502L824

Cust ID:	HAMP-22	HAMP-23	LEISTER-1	LEISTER-2	LEISTER-DAIR Y	TRIP BLANK
RFW#:	027	028	029	030	031	032

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.

0502L824

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 03/04/05 13:43

RFW Batch Number: 0502L824

Client: BLACK & DECKER

Work Order: 02501004002 Page: 7a

000000019

Sample Information	Cust ID:	RFW-13	VBLKKO	VBLKKO BS	VBLKKP	VBLKKP BS	VBLKKQ
	RFW#:	033	05LVX021-MB1	05LVX021-MB1	05LVX022-MB1	05LVX022-MB1	05LVX023-MB1
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L

Surrogate	Recovery	Toluene-d8	Bromofluorobenzene	1,2-Dichloroethane-d4	92 %	100 %	97 %	100 %	98 %	101 %
					90 %	99 %	95 %	99 %	103 %	98 %
					97 %	97 %	88 %	100 %	103 %	97 %

	fl	fl	fl	fl	fl	fl	fl
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	6 B	6	4 JB	3 J	3 JB	4 J	
Acetone	8 J	8 J	2 JB	10 U	3 J	10 U	
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	76 %	5 U	90 %	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	20	5 U	90 %	5 U	99 %	5 U	5 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	5 U	5 U	86 %	5 U	94 %	5 U	5 U
Trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	58	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U

*= Outside of EPA CLP QC limits.

Cust ID: RFW-13 VBLKKO VBLKKO BS VBLKKP VBLKKP BS VBLKKQ

RFW#: 033 05LVX021-MB1 05LVX021-MB1 05LVX022-MB1 05LVX022-MB1 05LVX023-MB1

	033	05LVX021-MB1	05LVX021-MB1	05LVX022-MB1	05LVX022-MB1	05LVX023-MB1
Toluene	5 U	1 J	94 %	5 U	97 %	5 U
Chlorobenzene	5 U	5 U	92 %	5 U	97 %	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.

02501004002

Cust ID: VBLKKQ BS

Sample Information RFW#: 05LVX023-MB1
 Matrix: WATER
 D.F.: 1.00
 Units: UG/L

Surrogate	Compound	Concentration	Units
	Toluene-d8	90	%
	Bromofluorobenzene	91	%
	1,2-Dichloroethane-d4	93	%
=====fl=====fl=====fl=====fl=====fl=====fl=====fl			
	Chloromethane	10	U
	Bromomethane	10	U
	Vinyl Chloride	10	U
	Chloroethane	10	U
	Methylene Chloride	3	JB
	Acetone	10	U
	Carbon Disulfide	5	U
	1,1-Dichloroethene	84	%
	1,1-Dichloroethane	5	U
	1,2-Dichloroethene (total)	5	U
	Chloroform	5	U
	1,2-Dichloroethane	5	U
	2-Butanone	10	U
	1,1,1-Trichloroethane	5	U
	Carbon Tetrachloride	5	U
	Vinyl Acetate	10	U
	Bromodichloromethane	5	U
	1,2-Dichloropropane	5	U
	cis-1,3-Dichloropropene	5	U
	Trichloroethene	96	%
	Dibromochloromethane	5	U
	1,1,2-Trichloroethane	5	U
	Benzene	91	%
	Trans-1,3-Dichloropropene	5	U
	Bromoform	5	U
	4-Methyl-2-pentanone	10	U
	2-Hexanone	10	U
	Tetrachloroethene	5	U
	1,1,2,2-Tetrachloroethane	5	U

*= Outside of EPA CLP QC limits.

000000021

Cust ID: VBLKKQ BS

RFW#: 05LVX023-MB1

Toluene	91	%
Chlorobenzene	92	%
Ethylbenzene	5	U
Styrene	5	U
Xylene (total)	5	U

*= Outside of EPA CLP QC limits.

22888888

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-1A

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022307

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-1B

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-002

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

Lab File ID: x022310

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/23/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-2A

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-003

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

Lab File ID: x022311

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/23/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-2B

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-004

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

Lab File ID: x022312

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/23/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-3B

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-005

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022313

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-4A

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-006

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

Lab File ID: x022314

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/23/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-4A DUP

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-007

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022315

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

Number TICs found: 2 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	15.861	10	J
2.	SILOXANE	21.766	6	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-4B

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-008

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

Lab File ID: x022316

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/23/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-6

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-009

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022317

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-7

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-010

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022318

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-9

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-011

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022319

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-11B

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-012

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

Lab File ID: x022406

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/24/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-12B

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-013

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022407

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/24/05

Column: (pack/cap) CAP Dilution Factor: 5.00

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-17

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-014

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022408

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/24/05

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-	7.959	50	NJ

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-20

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-015

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

Lab File ID: x022409

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/24/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-21

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-016

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

Lab File ID: x022410

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/24/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-2

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-017

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

Lab File ID: x022514

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

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

EPA SAMPLE NO.

EW-3

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-018

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

Lab File ID: x022515

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-4

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-019

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022516

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

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

EPA SAMPLE NO.

EW-5

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-020

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022517

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

Column: (pack/cap) CAP Dilution Factor: 2.00

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-6

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-021

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022415

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/24/05

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

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-7

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-022

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

Lab File ID: x022418

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/24/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-8

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-023

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022419

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/24/05

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

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-9

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-024

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

Lab File ID: x022420

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/24/05

Column: (pack/cap) CAP

Dilution Factor: 2.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-9 DUP

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-025

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

Lab File ID: x022505

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 2.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EW-10

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-026

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

Lab File ID: x022506

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

HAMP-22

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-027

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022507

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

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

Number TICs found: 0

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

HAMP-23

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-028

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022508

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

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.	SILOXANE	15.879	6	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LEISTER-1

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-029

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

Lab File ID: x022509

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LEISTER-2

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0502L824-030

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022510

Level: (low/med) LOW Date Received: 02/17/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

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

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LEISTER-DAIRY

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-031

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

Lab File ID: x022511

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

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

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

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP BLANK

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-032

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

Lab File ID: x022512

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SILOXANE	15.879	5	J
2.	SILOXANE	21.766	8	J

1E
VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RFW-13

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 0502L824-033

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

Lab File ID: x022513

Level: (low/med) LOW

Date Received: 02/17/05

% Moisture: not dec. _____

Date Analyzed: 02/25/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKKO

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 05LVX021-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022306

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. _____ Date Analyzed: 02/23/05

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

Number TICs found: 0

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

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKKP

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 05LVX022-MB1

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

Lab File ID: x022405

Level: (low/med) LOW

Date Received: 02/24/05

% Moisture: not dec. _____

Date Analyzed: 02/24/05

Column: (pack/cap) CAP

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

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

1E
 VOLATILE ORGANICS ANALYSIS SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKKQ

Lab Name: Lionville Labs, Inc. Contract: 02501004002

Lab Code: Lionvi Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 05LVX023-MB1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: x022504

Level: (low/med) LOW Date Received: 02/25/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

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.				

