

**ANNUAL REPORT**

Prepared for

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

**Hampstead, Maryland**

July 2005

Prepared by

**WESTON SOLUTIONS, INC.**

West Chester, Pennsylvania 19380-1499

W.O. No. 02501.004.004.0200

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## TABLE OF CONTENTS

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Section	Page
1. INTRODUCTION.....	1-1
2. SITE CHARACTERISTICS.....	2-1
2.1 HYDRAULIC PROPERTIES .....	2-1
2.2 EFFLUENT CHARACTERISTICS .....	2-1
2.3 GROUNDWATER QUALITY DATA .....	2-1
3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM.....	3-1
4. TREATMENT SYSTEM PERFORMANCE EVALUATION.....	4-1
5. RECOMMENDATIONS.....	5-1

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## LIST OF APPENDICES

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APPENDIX A – WITHDRAWAL REPORTS

APPENDIX B – DISCHARGE MONITORING REPORTS

APPENDIX C – GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS

APPENDIX D - GROUNDWATER ANALYTICAL DATA PACKAGE (MAY 2005)

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## LIST OF FIGURES

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Figure	Page
Figure 2-1 Groundwater Elevation Contour Map Under Pumping Conditions (June 2005).....	2-6

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## LIST OF TABLES

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Table	Page
Table 2-1 Treatment System Pumping Records (July 2004 through June 2005) .....	2-2
Table 2-2 Groundwater Elevation Data (July 2004 through June 2005).....	2-3
Table 2-3 Effluent Characteristics Summary (July 2004 through June 2005).....	2-7
Table 2-4 Summary of Groundwater Analytical Results – August 2004 .....	2-10
Table 2-5 Summary of Groundwater Analytical Results – November 2004.....	2-13
Table 2-6 Summary of Groundwater Analytical Results – February 2005 .....	2-16
Table 2-7 Summary of Groundwater Analytical Results – May 2005 .....	2-19
Table 3-1 Treatment System Maintenance Activities (July 2004 through June 2005).....	3-2

## 1. INTRODUCTION

This Annual Report has been prepared to meet the requirements of Condition IV.L of the Administrative Consent Order between the State of Maryland Department of the Environment (MDE) and Black & Decker (U.S.) Inc. (April 1995) (Consent Order) and the Addendum to Administrative Consent Order dated 29 June 1995. Specifically, Condition IV.L calls for preparation of an Annual Report containing a summary of the information contained in the Discharge Monitoring Reports (Table 2-3), a summary of all analyses of water samples (Tables 2-4 to 2-7), an explanation of all problems encountered and the manner in which they were resolved (Table 3-1), a performance evaluation of the treatment system (Section 4), and recommendations for continuation of, or changes to, the treatment system (Section 5). This document is one of several that are being prepared in response to the Consent Order; each of these documents are to be submitted to the MDE in accordance with the schedule outlined in the Consent Order. This document will become part of the Administrative Record for the site, which is maintained at the Hampstead Public Library.

## **2. SITE CHARACTERISTICS**

### **2.1 HYDRAULIC PROPERTIES**

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black & Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of July 2004 through June 2005.

Pumping records showing the total gallons pumped per month of treatment system operation are presented in Table 2-1. Copies of the Withdrawal Reports, for the periods of July through December 2004 and January through June 2005, are included in Appendix A.

Water levels (Water Level Monitoring Report) for wells included in the water level monitoring plan are presented in Table 2-2. Based on the June 2005 water levels, a representative groundwater elevation contour map under pumping conditions is presented in Figure 2-1. At the time the data were collected, the extraction wells were pumping at a combined rate of approximately 170 gpm.

### **2.2 EFFLUENT CHARACTERISTICS**

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of July 2004 through June 2005 are included in Appendix B.

### **2.3 GROUNDWATER QUALITY DATA**

For the reporting period of July 2004 through June 2005, approximately 160 pounds (lb) of total volatile organic compounds (VOCs) were removed from the groundwater by the extraction and treatment system. In general, the total VOCs were comprised of trichloroethene (TCE) (71 %), tetrachloroethene (PCE) (29 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July 2004 through June 2005 are included in Appendix C.

A summary of the analytical results of the groundwater samples collected from the monitor and extraction wells during the third and fourth quarters of 2004 and the first and second quarters of

**Table 2-1**  
**Treatment System Pumping Records**  
**(July 2004 through June 2005)**

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

<b>Date</b>	<b>Water Pumped (gallons)</b>
July 2004	7,606,174
August 2004	7,910,174
September 2004	7,298,624
October 2004	7,650,322
November 2004	7,162,739
December 2004	7,427,771
January 2005	7,326,458
February 2005	6,437,800
March 2005	7,353,275
April 2005	7,255,765
May 2005	7,340,251
June 2005	7,095,031

**Table 2-2**  
**Groundwater Elevation Data (July 2004 through June 2005)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	07/29/04		8/25/04		9/30/04		10/28/04	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	55.55	793.66	93.26	755.95	84.89	764.32	79.78	769.43
EW-3	846.64	118	68.60	778.04	79.60	767.04	84.36	762.28	89.00	757.64
EW-4	858.01	97.5	NA	NA	NA	NA	76.09	781.92	NA	NA
EW-5	864.17	98	87.63	776.54	87.98	776.19	88.21	775.96	89.60	774.57
EW-6	831.98	115	71.11	760.87	71.55	760.43	74.88	757.10	75.22	756.76
EW-7	818.38	78	32.64	785.74	34.51	783.87	36.22	782.16	36.51	781.87
EW-8	811.13	98	43.21	767.92	41.35	769.78	38.68	772.45	41.50	769.63
EW-9	811.35	141	89.73	721.62	93.70	717.65	99.51	711.84	100.83	710.52
EW-10	807.74	NA	28.99	778.75	43.15	764.59	46.06	761.68	46.69	761.05
RFW-1A	864.37	78	48.44	815.93	48.77	815.60	50.43	813.94	50.70	813.67
RFW-1B	864.23	200	48.46	815.77	48.83	815.40	50.49	813.74	50.73	813.50
RFW-2A	857.41	35	13.73	843.68	13.26	844.15	12.86	844.55	13.01	844.40
RFW-2B	857.73	75	14.22	843.51	13.89	843.84	13.32	844.41	13.38	844.35
RFW-3B	839.21	153	25.21	814.00	27.74	811.47	28.46	810.75	28.63	810.58
RFW-4A	830.37	62	36.02	794.35	35.75	794.62	37.20	793.17	37.76	792.61
RFW-4B	830.37	120	35.84	794.53	35.66	794.71	37.06	793.31	37.72	792.65
RFW-5A	817.50	30	30.82	786.68	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	2.67	782.37	3.32	781.72	1.98	783.06	4.16	780.88
RFW-7	805.14	29	7.19	797.95	7.27	797.87	7.31	797.83	7.15	797.99
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	24.82	837.20	24.71	837.31	25.38	836.64	25.71	836.31
RFW-10	852.06	58	57.33	794.73	57.66	794.40	58.58	793.48	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	61.72	787.90	69.10	780.52	70.14	779.48	70.23	779.39
RFW-12B	844.87	264	50.86	794.01	49.96	794.91	51.63	793.24	52.06	792.81
RFW-13	849.11	150	55.56	793.55	56.44	792.67	57.01	792.10	58.78	790.33
RFW-14B	812.39	281	30.74	781.65	30.65	781.74	35.16	777.23	35.91	776.48
RFW-16	856.14	41	39.02	817.12	38.95	817.19	39.22	816.92	DRY	NA
RFW-17	834.66	60.5	24.86	809.80	24.26	810.40	24.98	809.68	25.17	809.49
RFW-20	842.29	142	31.83	810.46	32.57	809.72	32.87	809.42	33.06	809.23
RFW-21	832.65	102	20.02	812.63	20.22	812.43	20.42	812.23	20.52	812.13
PH-7	805.94	89	19.08	786.86	20.94	785.00	21.17	784.77	23.41	782.53
PH-9	814.94	98	27.28	787.66	28.37	786.57	26.91	788.03	31.57	783.37
PH-11	820.68	78	40.15	780.53	40.31	780.37	40.82	779.86	41.43	779.25
PH-12	828.35	87	40.32	788.03	41.20	787.15	41.54	786.81	41.80	786.55
B-3	803.02	83	NA	NA	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	33.20	771.76	17.56	787.40	28.43	776.53	29.56	775.40
Pembroke #1	NA	NA	12.95	NA	13.06	NA	13.26	NA	12.77	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.87	NA	10.86	NA	11.09	NA	10.47	NA
E. Century St.	NA	NA	19.21	NA	19.55	NA	19.61	NA	19.21	NA
Lwr. Beckleys. Rd.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

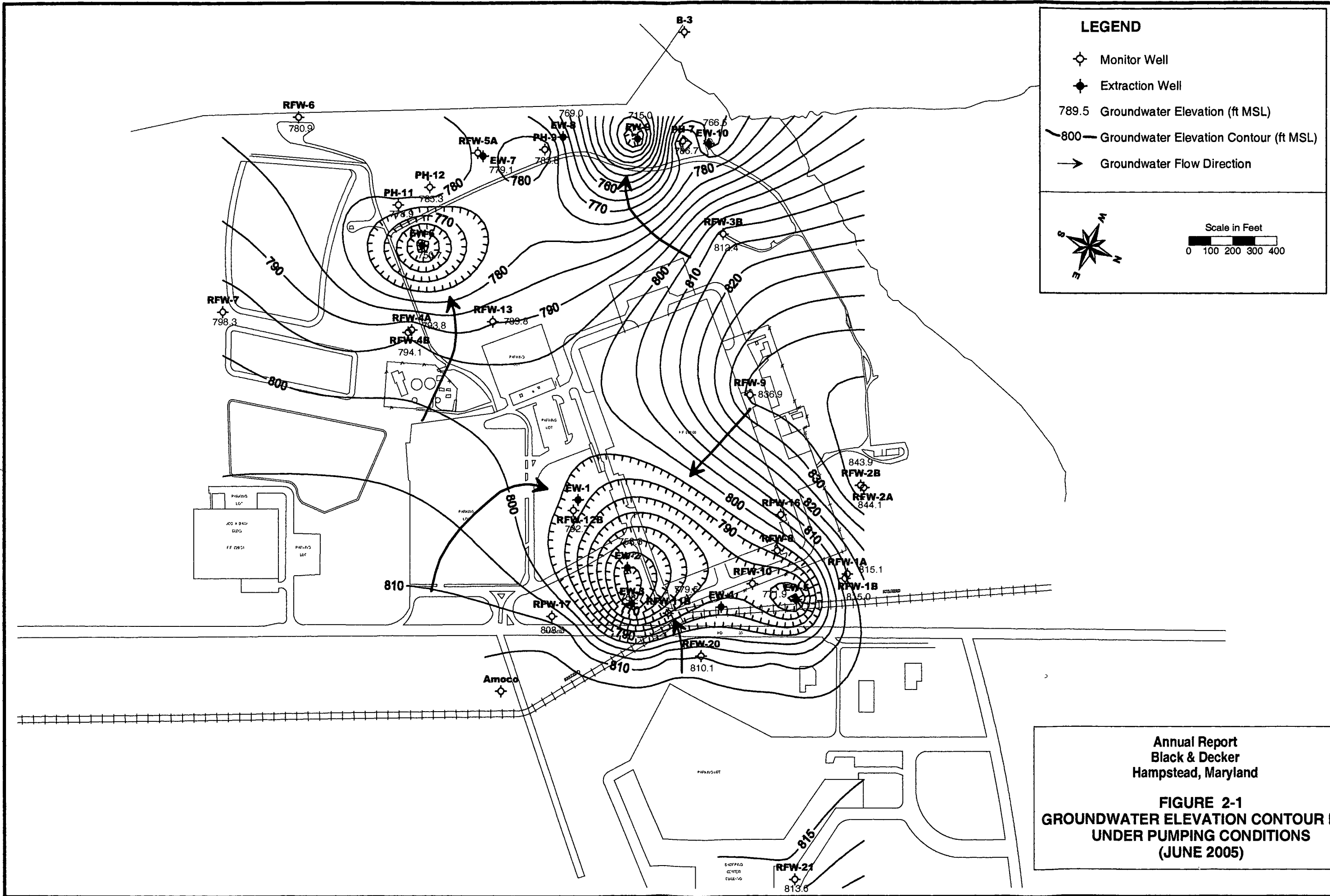
**Table 2-2**  
**Groundwater Elevation Data (July 2004 through June 2005)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	11/22/04		12/16/04		1/31/05		2/15/05	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	81.00	768.21	81.42	767.79	102.50	746.71	98.86	750.35
EW-3	846.64	118	89.46	757.18	89.36	757.28	93.20	753.44	87.84	758.80
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	89.77	774.40	91.41	772.76	88.47	775.70	88.89	775.28
EW-6	831.98	115	74.89	757.09	76.81	755.17	83.77	748.21	83.75	748.23
EW-7	818.38	78	37.03	781.35	37.03	781.35	41.71	776.67	39.45	778.93
EW-8	811.13	98	42.46	768.67	41.27	769.86	44.74	766.39	43.30	767.83
EW-9	811.35	141	101.15	710.20	101.17	710.18	99.87	711.48	93.10	718.25
EW-10	807.74	NA	44.43	763.31	47.73	760.01	41.79	765.95	35.83	771.91
RFW-1A	864.37	78	50.76	813.61	50.43	813.94	50.91	813.46	50.31	814.06
RFW-1B	864.23	200	50.81	813.42	50.46	813.77	50.97	813.26	50.38	813.85
RFW-2A	857.41	35	14.95	842.46	12.74	844.67	13.92	843.49	13.47	843.94
RFW-2B	857.73	75	15.60	842.13	12.93	844.80	14.06	843.67	14.09	843.64
RFW-3B	839.21	153	30.23	808.98	28.13	811.08	28.48	810.73	28.37	810.84
RFW-4A	830.37	62	38.84	791.53	37.42	792.95	37.67	792.70	37.19	793.18
RFW-4B	830.37	120	38.71	791.66	37.37	793.00	37.45	792.92	36.97	793.40
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	3.92	781.12	2.83	782.21	3.86	781.18	3.74	781.30
RFW-7	805.14	29	7.11	798.03	7.61	797.53	6.42	798.72	6.20	798.94
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	25.75	836.27	25.83	836.19	25.06	836.96	24.95	837.07
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	71.08	778.54	69.78	779.84	71.33	778.29	71.28	778.34
RFW-12B	844.87	264	51.69	793.18	52.51	792.36	51.97	792.90	52.06	792.81
RFW-13	849.11	150	59.46	789.65	58.67	790.44	60.96	788.15	60.88	788.23
RFW-14B	812.39	281	36.11	776.28	35.12	777.27	34.43	777.96	33.81	778.58
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	26.50	808.16	26.02	808.64	26.78	807.88	26.43	808.23
RFW-20	842.29	142	34.32	807.97	32.94	809.35	34.01	808.28	34.02	808.27
RFW-21	832.65	102	21.31	811.34	20.86	811.79	21.83	810.82	21.23	811.42
PH-7	805.94	89	24.82	781.12	24.02	781.92	19.71	786.23	18.42	787.52
PH-9	814.94	98	32.43	782.51	31.40	783.54	34.68	780.26	33.79	781.15
PH-11	820.68	78	40.98	779.70	41.62	779.06	43.06	777.62	42.30	778.38
PH-12	828.35	87	41.59	786.76	41.98	786.37	45.53	782.82	44.60	783.75
B-3	803.02	83	NA	NA	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	6.11	798.85	31.50	773.46	17.22	787.74	28.03	776.93
Pembroke #1	NA	NA	11.88	NA	12.69	NA	11.31	NA	11.63	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	10.41	NA	9.97	NA	9.17	NA	9.40	NA
E. Century St.	NA	NA	20.43	NA	19.76	NA	12.53	NA	13.02	NA
Lwr. Beckleys. Rd.	NA	NA	NA	NA	NA	NA	51.23	NA	51.08	NA



**Table 2-2**  
**Groundwater Elevation Data (July 2004 through June 2005)**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV	TOTAL DEPTH	3/24/05		4/20/05		05/16/05		6/18/05	
			DTW	ELEV	DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	98.68	750.53	97.84	751.37	90.05	759.16	90.43	758.78
EW-3	846.64	118	89.14	757.50	87.84	758.80	87.85	758.79	87.93	758.71
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	90.02	774.15	89.96	774.21	89.90	774.27	92.31	771.86
EW-6	831.98	115	84.14	747.84	79.84	752.14	79.61	752.37	81.31	750.67
EW-7	818.38	78	40.23	778.15	37.96	780.42	38.74	779.64	39.31	779.07
EW-8	811.13	98	44.92	766.21	41.81	769.32	41.26	769.87	42.14	768.99
EW-9	811.35	141	97.67	713.68	97.02	714.33	96.95	714.40	96.40	714.95
EW-10	807.74	NA	40.43	767.31	38.98	768.76	40.35	767.39	41.23	766.51
RFW-1A	864.37	78	50.39	813.98	49.60	814.77	48.78	815.59	49.23	815.14
RFW-1B	864.23	200	50.41	813.82	49.63	814.60	48.83	815.40	49.28	814.95
RFW-2A	857.41	35	13.84	843.57	12.06	845.35	12.99	844.42	13.31	844.10
RFW-2B	857.73	75	14.51	843.22	12.37	845.36	13.66	844.07	13.87	843.86
RFW-3B	839.21	153	29.44	809.77	28.49	810.72	26.32	812.89	26.78	812.43
RFW-4A	830.37	62	37.84	792.53	35.17	795.20	36.13	794.24	36.61	793.76
RFW-4B	830.37	120	37.62	792.75	35.04	795.33	35.97	794.40	36.27	794.10
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	3.50	781.54	4.11	780.93	3.58	781.46	4.13	780.91
RFW-7	805.14	29	6.43	798.71	7.64	797.50	6.57	798.57	6.88	798.26
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	25.37	836.65	25.14	836.88	24.56	837.46	25.13	836.89
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	71.83	777.79	71.02	778.60	69.85	779.77	70.11	779.51
RFW-12B	844.87	264	52.33	792.54	51.86	793.01	50.72	794.15	50.84	792.74
RFW-13	849.11	150	60.73	788.38	58.30	790.81	58.68	790.43	59.30	789.81
RFW-14B	812.39	281	34.03	778.36	32.91	779.48	32.15	780.24	32.81	779.58
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	26.97	807.69	25.98	808.68	25.48	809.18	26.32	808.34
RFW-20	842.29	142	34.30	807.99	33.81	808.48	32.56	809.73	33.04	810.08
RFW-21	832.65	102	22.07	810.58	21.76	810.89	20.31	812.34	20.61	813.57
PH-7	805.94	89	18.57	787.37	18.17	787.77	18.41	787.53	19.21	786.73
PH-9	814.94	98	34.06	780.88	33.61	781.33	30.59	784.35	31.17	783.77
PH-11	820.68	78	42.39	778.29	41.94	778.74	41.62	779.06	41.83	778.85
PH-12	828.35	87	44.81	783.54	44.22	784.13	42.77	785.58	43.10	785.25
B-3	803.02	83	NA	NA	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	16.11	788.85	36.11	768.85	41.35	763.61	29.59	775.37
Pembroke #1	NA	NA	11.84	NA	NA	NA	10.98	NA	11.12	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.69	NA	9.47	NA	9.69	NA	9.98	NA
E. Century St.	NA	NA	12.91	NA	14.37	NA	26.43	NA	27.53	NA
Lwr. Beckleys. Rd.	NA	NA	50.94	NA	51.36	NA	52.65	NA	52.59	NA



**LEGEND**

- ◊ Monitor Well
- ◆ Extraction Well
- 789.5 Groundwater Elevation (ft MSL)
- 800— Groundwater Elevation Contour (ft MSL)
- Groundwater Flow Direction

Scale in Feet  
0 100 200 300 400

Annual Report  
Black & Decker  
Hampstead, Maryland

**FIGURE 2-1**  
**GROUNDWATER ELEVATION CONTOUR MAP**  
**UNDER PUMPING CONDITIONS**  
**(JUNE 2005)**

Table 2-3  
**Effluent Characteristics Summary (July 2004 through June 2005)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE					
				July 2004	August 2004	September 2004	October 2004	November 2004	December 2004
001	FLOW average	MGD	NA	0.224	0.314	0.267	0.209	0.122	0.183
	FLOW maximum	MGD	NA	1.156	0.977	1.234	0.365	0.322	0.363
	1,1,1-Trichloroethane	ug/l	5	< 5	< 5	< 5	< 5	< 5	< 5
	Tetrachloroethylene	ug/l	5	< 5	< 5	< 5	< 5	< 5	< 5
	Trichloroethylene	ug/l	5	< 5	< 5	< 5	< 5	< 5	< 5
	Total Residual Chlorine	mg/l	<0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	Oil & Grease maximum	mg/l	15	< 5	< 5	< 5	< 5	< 5	< 5
	Oil & Grease quarterly average	mg/l	10	NR	NR	< 5	NR	NR	< 5
	pH minimum	STD	6.0	6.18	6.17	6.06	6.14	6.04	6.04
	pH maximum	STD	8.5	7.27	7.29	7.27	7.69	7.36	7.20
BOD	mg/l	15	4.8	4.0	2.9	< 2	< 2	2.8	
TSS maximum	mg/l	30	7.6	6.8	7.3	6.0	4.5	7.0	
TSS quarterly average	mg/l	20	NR	NR	7.6	NR	NR	5.8	
101 (Monitoring Point)	FLOW average	MGD	NA	0.254	0.208	0.267	0.260	0.213	0.250
	FLOW maximum	MGD	NA	0.321	0.250	0.291	0.291	0.293	0.273
	Fecal Coliform	MPN/100ml	200	< 2	< 2	< 2	< 2	< 2	< 2
201 (Monitoring Point)	FLOW average	MGD	NA	0.245	0.255	0.244	0.247	0.239	0.239
	FLOW maximum	MGD	NA	0.286	0.299	0.278	0.291	0.345	0.345
	1,1,1-Trichloroethane	ug/l	NA	< 5	< 5	< 5	< 5	< 5	< 5
	Tetrachloroethylene	ug/l	NA	< 5	< 5	< 5	< 5	< 5	< 5
	Trichloroethylene	ug/l	NA	< 5	< 5	< 5	< 5	< 5	< 5

DMR - Discharge Monitoring Report

NA - Not Applicable

NR - Not Reported

\* As noted on the DMR dated 6/30/04, a collection or lab error on the oil/grease caused month/quarter to register high. Follow up tested <5 ppb as in the past.

Table 2-3  
**Effluent Characteristics Summary (July 2004 through June 2005)**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE						
				January 2005	February 2005	March 2005	April 2005	May 2005	June 2005	
001	FLOW	average	MGD	NA	0.256	0.171	0.217	0.389	0.157	0.139
		maximum	MGD	NA	1.468	0.244	0.835	1.617	0.201	0.244
	1,1,1-Trichloroethane	ug/l	5	< 5	< 5	< 5	< 5	< 5	< 5	
	Tetrachloroethylene	ug/l	5	< 5	< 5	< 5	< 5	< 5	< 5	
	Trichloroethylene	ug/l	5	< 5	< 5	< 5	< 5	< 5	< 5	
	Total Residual Chlorine	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	Oil & Grease	maximum	mg/l	15	< 5	< 5	< 5	< 5	< 5	< 5
		quarterly average	mg/l	10	NR	NR	< 5	< 5	NR	< 5
	pH	minimum	STD	6.0	6.07	6.19	6.81	7.00	6.60	6.70
		maximum	STD	8.5	6.60	6.91	7.68	7.50	7.30	7.60
BOD		mg/l	15	< 2	< 2	3.4	< 2	4.3	2.4	
TSS	maximum	mg/l	30	< 2.5	3.5	4.0	8.0	3.5	4.7	
	quarterly average	mg/l	20	NR	NR	3.3	NR	NR	< 2.5	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.305	0.294	0.297	0.273	0.271	0.277
		maximum	MGD	NA	0.338	0.311	0.349	0.314	0.299	0.279
	Fecal Coliform	MPN/100ml	200	< 2	< 2	< 2	< 2	< 2	< 2	
201 (Monitoring Point)	FLOW	average	MGD	NA	0.236	0.236	0.237	0.242	0.236	0.237
		maximum	MGD	NA	0.275	0.275	0.263	0.268	0.270	0.254
	1,1,1-Trichloroethane	ug/l	NA	< 5	< 5	< 5	< 5	< 5	< 5	
	Tetrachloroethylene	ug/l	NA	< 5	< 5	< 5	< 5	< 5	< 5	
Trichloroethylene	ug/l	NA	< 5	< 5	< 5	< 5	< 5	< 5		

DMR - Discharge Monitoring Report

NA - Not Applicable

NR - Not Reported

\* As noted on the DMR dated 6/30/04, a collection or lab error on the oil/grease caused month/quarter to register high. Follow up tested <5 ppb as in the past.

2005 are included in Tables 2-4, 2-5, 2-6, and 2-7, respectively. As found in earlier sampling events at the Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentrations of TCE were detected in the groundwater samples collected from wells EW-2, EW-4 and RFW-12B and the highest concentrations of PCE were detected in the groundwater samples collected from well EW-9. The remainder of VOCs present were detected at levels well below the Federal Maximum Concentration Levels (MCLs). The second quarter 2005 (May 2005) analytical data package is included in Appendix D. Analytical data packages for the remaining quarters are included in the respective Quarterly Groundwater Monitoring Reports.

Table 2-4  
 Summary of Groundwater Analytical Results - August 2004  
 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
			(10)	(2)	(25)	(2)				(2)	(2)	
Chloromethane	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Bromomethane	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Vinyl Chloride	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Chloroethane	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Methylene Chloride	ug/L	NS	130	11 B	370	10 B	4 J	4 J	4 JB	10 B	13 B	5 B
Acetone	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Carbon Disulfide	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	50 U	10 U	120 U	10 U	5 U	4 J	15	10 U	10 U	5 U
Chloroform	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
2-Butanone	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
1,1,1-Trichloroethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Carbon Tetrachloride	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Bromodichloromethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloropropane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Trichloroethene	ug/L	NS	820	250	2800	420	9	4 J	10	10 U	10 U	5 U
Dibromochloromethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1,2-Trichloroethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Benzene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Bromoform	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
4-Methyl-2-pentanone	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
2-Hexanone	ug/L	NS	100 U	20 U	250 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U
Tetrachloroethene	ug/L	NS	54	5 J	43 J	12	24	7	70	190	220	21
1,1,2,2-Tetrachloroethane	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Toluene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Chlorobenzene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Ethylbenzene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Styrene	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U
Xylenc (total)	ug/L	NS	50 U	10 U	120 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U

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

Table 2-4  
 Summary of Groundwater Analytical Results - August 2004  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A	RFW-4B	RFW-4B (DUP)	RFW-5A	RFW-6	RFW-7	RFW-8	RFW-9	RFW-10
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	10 U
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	10 U
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	10 U
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	10 U
Methylene Chloride	ug/L	8 B	8 B	8 B	9 B	8 B	10 B	9 B	10 B	NS	2 J	2 J	NS	2 J	3 J
Acetone	ug/L	2 J	9 J	10 U	4 J	4 J	2 J	10 U	3 J	NS	6 J	10 U	NS	10 U	10 U
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	5 U
1,1-Dichloroethene	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	5 U
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	2 J	5 U
1,2-Dichloroethene (total)	ug/L	5 U	5 U	5 U	5 U	11	1 J	4 J	4 J	NS	1 J	5 U	NS	9	5 U
Chloroform	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	5 U
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	5 U
2-Butanone	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	10 U
1,1,1-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	2 J	2 J
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	5 U
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	5 U
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	5 U
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	5 U
Trichloroethene	ug/L	5 U	5 U	1 J	10 U	9	66	1 J	1 J	NS	10	5 J	NS	18	680
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	5 U
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	5 U
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	5 U
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	5 U
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	5 U
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	10 U
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	10 U
Tetrachloroethene	ug/L	5 U	5 U	5 U	5 U	10	67	26	25	NS	8	5 U	NS	6	12
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	5 U
Toluene	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	5 U
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	5 U
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	5 U
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	5 U
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	5 U

Notes: 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 - August 2004  
 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	10 U	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	10 U	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	10 U	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	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	NS	3 J	10 J	2 J	2 J	2 J	2 J	2 J	5 JB	6 B	6 B	6 B	7 B	8 B
Acetone	ug/L	NS	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	25 U	5 U	5 U	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	NS	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	5 U	10 J	5 U	5 U	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	NS	5 U	25 U	5 U	5 U	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	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	5 U	25 U	5 U	5 U	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	5 U	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	NS	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	NS	45	380	3 J	75	5 U	2 J	2 J	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	ug/L	NS	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	NS	5 U	25 U	5 U	5 U	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	5 U	25 U	5 U	5 U	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	10 U	50 U	10 U	10 U	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	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	5 U	27	19	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	5 U	25 U	5 U	5 U	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	5 U	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	5 U	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	5 U	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	5 U	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	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

Notes: 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.

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



Table 2-5  
 Summary of Groundwater Analytical Results - November 2004  
 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
			(10)	(2)	(10)	(5)				(2)	(2)	
Chloromethane	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
Bromomethane	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
Vinyl Chloride	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
Chloroethane	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
Methylene Chloride	ug/L	NS	18 JB	5 JB	28 JB	13 JB	2 JB	2 JB	1 JB	4 JB	2 JB	2 JB
Acetone	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
Carbon Disulfide	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	50 U	10 U	50 U	25 U	5 U	6	18	10 U	10 U	5 U
Chloroform	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
2-Butanone	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
1,1,1-Trichloroethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Carbon Tetrachloride	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Bromodichloromethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloropropane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
cis-1,3-Dichloropropene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Trichloroethene	ug/L	NS	620	200	1400 D	420	8	6	10	10 U	10 U	5 U
Dibromochloromethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
1,1,2-Trichloroethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Benzene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Trans-1,3-Dichloropropene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Bromoform	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
4-Methyl-2-pentanone	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
2-Hexanone	ug/L	NS	100 U	20 U	100 U	50 U	10 U	10 U	10 U	20 U	20 U	10 U
Tetrachloroethene	ug/L	NS	68	10 U	50 U	25 U	21	11	73	270	220	16
1,1,2,2-Tetrachloroethane	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Toluene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Chlorobenzene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Ethylbenzene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Styrene	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U
Xylene (total)	ug/L	NS	50 U	10 U	50 U	25 U	5 U	5 U	5 U	10 U	10 U	5 U

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Table 2-5  
 Summary of Groundwater Analytical Results - November 2004  
 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	3 JB	1 JB	1 JB	4 JB	4 JB	4 JB	3 JB	4 JB	NS	3 JB	3 JB	NS	2 JB	NS
Acetone	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
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	5 U	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	5 U	NS
1,2-Dichloroethene (total)	ug/L	5 U	5 U	5 U	5 U	11	5 U	5 U	5 U	NS	5 U	5 U	NS	14	NS
Chloroform	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-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	10 U	10 U	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	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	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	5 U	5 U	9	76	72	9	NS	11	9	NS	23	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	11	93	87	37	NS	8	5 U	NS	7	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	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
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

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Table 2-5  
 Summary of Groundwater Analytical Results - November 2004  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	RFW-20	RFW-21	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank
				(5)											
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	NS	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	NS	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	NS	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	NS	10 U
Methylene Chloride	ug/L	NS	2 JB	12 JB	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	5
Acetone	ug/L	NS	10 U	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NS	6 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	NS	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	NS	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	NS	5 U
1,2-Dichloroethene (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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	5 U
Trichloroethene	ug/L	NS	35	520	15	NS	5 U	2 J	5 U	5 U	5 U	5 U	5 U	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	10 U
Tetrachloroethene	ug/L	NS	5 U	37	47	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	5 U

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Table 2-6  
 Summary of Groundwater Analytical Results - February 2005  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2 (5)	EW-3	EW-4 (5)	EW-5 (2)	EW-6	EW-7	EW-8	EW-9 (2)	EW-9 DUP (2)	EW-10
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

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Table 2-6  
 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

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 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.

Table 2-7  
 Summary of Groundwater Analytical Results - May 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) (2)	EW-10	RFW-1A	RFW-1B
			(5)		(5)	(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	10 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	10 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	10 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	10 U	10 U
Methylene Chloride	ug/L	NS	25 U	5 U	25 U	3 J	5 U	5 U	5 U	3 JB	4 JB	5 U	5 U	5 U
Acetone	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	10 U
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	5 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	5 U	5 U
1,1-Dichloroethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	NS	25 U	2 J	25 U	10 U	5 U	8	27	10 U	10 U	5 U	5 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	5 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	5 U	5 U
2-Butanone	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U	5 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	5 U	5 U
Bromodichloromethane	ug/L	NS	25 U	5 U	25 U	20 U	5 U	5 U	5 U	20 U	20 U	5 U	5 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	5 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	5 U	5 U
Trichloroethene	ug/L	NS	650	160 D	1100 D	270	13	6	13	2 J	2 J	5 U	5 U	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	5 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	5 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	5 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	5 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	5 U	5 U
4-Methyl-2-pentanone	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	50 U	10 U	50 U	20 U	10 U	10 U	10 U	20 U	20 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	79	6 JD	24 JD	11	36	13	90	240	250	10	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U	5 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	5 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	5 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	5 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	5 U	5 U
Xylenes (total)	ug/L	NS	25 U	5 U	25 U	10 U	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 U

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





Table 2-7  
 Summary of Groundwater Analytical Results - May 2005  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	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	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	25 U	4 JB	NS	4 JB	4 JB	4 JB	5 U	5 U	5 JB	5 JB	5 JB	4 J
Acetone	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	ug/L	380	14	NS	5 U	2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	50 U	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	33	45	NS	5 U	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	ug/L	25 U	5 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

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

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

### 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 (July 2004 through June 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 (July 2004 through June 2005)**  
**Black & Decker**  
**Hampstead, Maryland**

Date	Event/Corrective Action
July 2004	A new pump, motor and contactor were installed in EW-3. The well is back on line.
July 2004	EW-2 not pumping, the pump was replaced, the well was bleached and put back on line. The well was down for 7 days.
November 2004	The packing material in the air stripper was inspected for clogging. There was no clogging seen during the inspection.
January 2005	Replaced power pack on the Moore controller in the control panel. Installed an autodialer on the alarm system.
February 2005	The integrators for the flow meters on wells EW-9 & 10 were repaired. EW-2's flow meter was repaired.
June 2005	Microtech was in to work on the integrators for the flow meters on wells EW-2, 6 & 10. The flow meters are all back on line.

#### 4. TREATMENT SYSTEM PERFORMANCE EVALUATION

During the reporting period of July 2004 to June 2005 depth-to-water measurements were collected in all site monitor wells on a monthly basis. Each month, a groundwater elevation contour map was constructed to verify that the groundwater extraction system was providing a hydraulic barrier to prevent any groundwater contamination from migrating off-site. Pumping rates were adjusted as necessary to ensure that hydraulic control was being maintained across the site. Significant drawdown has been observed in both shallow and deeper monitor wells throughout the long-term pumping of the extraction well system, indicating that considerable interconnection exists between the shallow and deeper groundwater.

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

## 5. RECOMMENDATIONS

As discussed in Section 4, the treatment system has created a hydraulic boundary that prevents the 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.

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

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Month / Year

Black & Decker  
Air Stripper # 2  
Operating Record

Past Month Reading

Apr. 2005

15703027

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	F	1045	15924830	↑	24840	24822
2						
3				690388		
4	M	0850	16615218	268033	24909	24822
5	T	1130	16883251	235055	24909	24849
6	W	1105	17118306	238927	24909	24872
7	T	1055	17357233	230264	24909	24896
8	F	0955	17587497	↑	24909	24919
9						
10				741152		
11	M	1135	18328649	234415	24909	24993
12	T	1050	18563064	247248	24932	24943
13	W	1135	18810312	260232	24956	24993
14	T	1310	19070544	237957	24982	24993
15	F	1250	19308501	↑	25006	24993
16						
17				716118		
18	M	1145	20024619	238858	25077	24993
19	T	1120	20263477	251481	25077	25016
20	W	1215	20514958	251163	25077	25041
21	T	1300	20766121	233963	25077	25066
22	F	1205	21000084	↑	25077	25089
23						
24				728074		
25	M	1145	21728158	243270	25077	25161
26	T	1140	21971428	245922	25101	25161
27	W	1155	22217350	250128	25125	25161
28	T	1230	22467478	228941	25150	25161
29	F	1105	22696419	↑	25172	25161
30				484176		
Total				7255765		
Average				241859		

Next Month Reading 23180595

Date May 1, 2005

Month / Year

Black & Decker  
Air Stripper # 2  
Operating Record

Past Month Reading

May 2005

22696419

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	S	1045	23180595	258523	25220	25161
2	M	1205	23439118	252799	25245	25161
3	T	1250	23691917	245392	25245	25185
4	W	1300	23937309	226651	25245	25216
5	T	1115	24163960	235374	25245	25232
6	F	1020	24399334	↑	25245	25255
7						
8				744707		
9	M	1120	25144041	242556	25245	25328
10	T	1105	25386597	244497	25269	25328
11	W	1105	25631094	270141	25293	25328
12	T	1335	25901235	231432	25319	25328
13	F	1215	26132667	↑	25342	25328
14						
15				731418		
16	M	1155	26864085	247468	25414	25328
17	T	1215	27111553	249057	25414	25352
18	W	1240	27360610	237623	25414	25377
19	T	1200	27598233	213085	25414	25400
20	F	1130	27841318	↑	25414	25424
21						
22				740948		
23	M	1215	28582266	240298	25414	25496
24	T	1150	28822564	250383	25437	25496
25	W	1220	29072947	255288	25462	25496
26	T	1320	29328235	243756	25487	25496
27	F	1315	29571991	↑	25511	25496
28						
29						
30	M	2230		948855	25594	25496
31	T	1220	30520846	230126	25604	25496
Total				7340251		
Average				236782		

Next Month Reading 30750972

Date 6-01-05



Month / Year

June 2005

Black & Decker  
Air Stripper # 2  
Operating Record

Past Month Reading

30520846

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	W	1140	30750972	243590	25604	25570
2	T	1215	30994562	227822	25604	25544
3	F	1110	31222384	↑	25604	25567
4						
5				711726		
6	M	1100	31934110	245186	25604	25639
7	T	1140	32179296	240160	25628	25639
8	W	1155	32419456	237454	25653	25639
9	T	1155	32656910	248688	25677	25639
10	F	1305	32905598	↑	25702	25639
11						
12				689614		
13	M	1045	33595212	253606	25771	25639
14	T	1220	33848818	↑	25771	25664
15	W			471014		
16	T	1155	34319832	237130	25771	25712
17	F	1155	34556962	↑	25771	25736
18						
19				722363		
20	M	1310	35279325	223442	25771	25809
21	T	1155	35502767	254890	25794	25809
22	W	1345	35757657	208748	25820	25809
23	T	1100	35966405	240994	25841	25809
24	F	1130	36207399	↑	25866	25809
25						
26				706825		
27	M	1135	36914224	243326	25938	25809
28	T	1225	37157558	231188	25938	25834
29	W	1205	37388738	229925	25938	25858
30	T	1130	37618663	227340	25938	25881
31						
Total				7095031		
Average				236501		

Next Month Reading 37846003

Date 7-1-05

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**APPENDIX B**  
**DISCHARGE MONITORING REPORTS**

---

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)

<b>MD0001881</b>	<b>001</b>
PERMIT NUMBER	DISCHARGE NUMBER
(2-16)	(17-19)

FORM APPROVED  
 OMB No.2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2005	04	01	05	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (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	0.389	1.617	MGD				0	1/MONTH	GRAB	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						5		1/MONTH	GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						5		1/MONTH	GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						5		1/MONTH	GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						0.011		1/MONTH	GRAB	
OIL & GREASE	SAMPLE MEASUREMENT						<5	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT						10		1/MONTH	GRAB	
pH	SAMPLE MEASUREMENT				7.00		7.50	0	2/WEEK	GRAB	
	PERMIT REQUIREMENT				6.00		8.50		2/WEEK	GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
Mark P. Rogers AG/GFI Manger								410-374-9025		05   05   03	
TYPED OR PRINTED								AREA CODE-NUMBER		YEAR   MO   DAY	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT											

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

FORM APPROVED  
OMB No. 2040-0004

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

DISCHARGE MONITORING REPORT (DMR)

MD0001881  
 PERMIT NUMBER  
 001  
 DISCHARGE NUMBER

MONITORING PERIOD  
 FROM YEAR 2005 MO 04 DAY 01 TO YEAR 05 MO 04 DAY 30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (48-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
BOD	SAMPLE MEASUREMENT						<2		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15	mg/l		1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						8.0		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						20	30	mg/l	1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		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 FALSIF 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 P. Rogers AG/GFI Manger								410-374-9025		05   05   03	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE-NUMBER		YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

EPA Form 3320-1 (Rev. 9-89) Previous edition to be used until supply is exhausted.

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

PAGE 2 OF 2

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

(2-10) (17-10)

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2005	04	01		05	04	30
	(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 (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.273	0.314	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT						<2	MPN/100ml	0	1/WEEK	GRAB
	PERMIT REQUIREMENT						200			1/WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		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 23 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								410-374-9025		05   05   03	
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
(2-18)	(17-19)

FORM APPROVED  
 OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2005	04	01	2005	04	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.242	0.268	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	<small>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. § 1919. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</small>	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Mark P. Rogers AG/GFI Manger			410-374-9025	05   05   03
TYPED OR PRINTED			AREA CODE-NUMBER	YEAR   MO   DAY

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

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

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

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881** **001**  
 PERMIT NUMBER DISCHARGE NUMBER  
 (2-18) (17-18)

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

FORM APPROVED  
 OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.157	0.201	MGD					0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								Measured/Recorded
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5		0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					5	ppb		1/MONTH	GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5		0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					5	ppb		1/MONTH	GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5		0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					5	ppb		1/MONTH	GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1		0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					0.011	0.019	mg/l	1/MONTH	GRAB	
OIL & GREASE	SAMPLE MEASUREMENT					<5		0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					10	<5	mg/l	1/MONTH	GRAB	
pH	SAMPLE MEASUREMENT				6.60		7.30	0	2/WEEK	GRAB	
	PERMIT REQUIREMENT				6.00		8.60	STD	2/WEEK	GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)				TELEPHONE		DATE			
Mark P. Rogers AG/GFI Manger						410-374-9025		05   06   01			
TYPED OR PRINTED						AREA CODE-NUMBER		YEAR   MO   DAY			
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		<i>Earl Weddle</i>				410-374-9025		05   06   01			

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

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

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

FACILITY: **Hampstead, Maryland, 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

FORM APPROVED  
 OMB No. 2040-0004

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

NOTE: Read instructions before completing this form.

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

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**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 23 U.S.C. § 1339. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*Earl Weddle*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**410-374-9025**  
 AREA CODE-NUMBER

DATE  
**05 | 06 | 01**  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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



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

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

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)


DISCHARGE MONITORING REPORT (DMR)

**MD0001881** **101**  
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
**2005 05 01** **05 05 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 (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.271	0.299	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2		MPN/100ml	0	1/WEEK GRAB	
	PERMIT REQUIREMENT					200				1/WEEK GRAB	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		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 FALSIFIED INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 16 U.S.C. § 1301 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 P. Rogers AG/GFI Manger									 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
TYPED OR PRINTED									AREA CODE-NUMBER	YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

FORM APPROVED  
 OMB No. 2040-0004

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

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only)				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	0.270	MGD					0	1/MONTH	GRAB
	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**  
 TYPED OR PRINTED

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

*Emil Wedde*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-374-9025  
 DATE: 05 | 06 | 01  
 AREA CODE-NUMBER YEAR | MO | DAY

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

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

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

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881  
 PERMIT NUMBER

001  
 DISCHARGE NUMBER

(2-16) (17-19)

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
2005	06	01	05	06	30

FROM

TO

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 (62-69)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.139	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 GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5	ppb		1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					0.011	0.019	mg/l		1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT					10	<5	mg/l		1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.70		7.60	STD	0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK GRAB	
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 18 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								410-374-9025		05   07   01	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE-NUMBER		YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

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

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

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

**MD0001881** **001**  
 PERMIT NUMBER DISCHARGE NUMBER  
 (2-16) (17-18)

FORM APPROVED  
 OMB No. 2040-0004

MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
**2005 06 01 05 06 30**  
 (20-21) (22-23) (24-28) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
<b>BOD</b>	SAMPLE MEASUREMENT								0	1/MONTH	GRAB
	PERMIT REQUIREMENT							mg/l		1/MONTH	GRAB
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT					4.7	<2.5		0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30	mg/l		1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER  
**Mark P. Rogers**  
**AG/GFI Manger**  
 TYPED OR PRINTED

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

*Earl Weddler*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 410-374-9025  
 DATE: 05 | 07 | 01  
 AREA CODE-NUMBER: YEAR | MO | DAY

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

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

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

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

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881** **101**  
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

FROM 


YEAR	MO	DAY
2005	06	01
(20-21)	(22-23)	(24-25)

 TO 

YEAR	MO	DAY
05	06	30
(26-27)	(28-29)	(30-31)

FORM APPROVED  
 OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) 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	0.277	0.279	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 FALSIFIED 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 P. Rogers AG/GFI Manger TYPED OR PRINTED									 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410-374-9025	05   07   01

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

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

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

ADDRESS: **133 Pearl Street**

**Suite 400**

**Boston, MA 02110**

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881**

PERMIT NUMBER

(2-16)

**201**

DISCHARGE NUMBER

(17-18)

FORM APPROVED

OMB No.2040-0004

MONITORING PERIOD

FROM 

YEAR	MO	DAY
2005	06	01

 TO 

YEAR	MO	DAY
05	06	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.237	0.254	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

**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 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*Earl Weddell*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

AREA CODE-NUMBER

DATE

05 | 07 | 01

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

---

**APPENDIX C**  
**GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS**

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**CERTIFICATE OF ANALYSIS**

Page 1 of 6

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

Report No: 0504143  
Date Received: 4/7/05  
Date Reported: 4/19/05

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
------	--------	-------	-----------------	-----------------------	---------

Lab ID: 0504143-001

Collection Date: 4/7/05 10:58:00 AM

Client Sample ID: Engineering Test Sink

Matrix: DRINKINGWATER

VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 524.2)

Prep. Method: NA

Prep. Date: NA

Prep Analyst NA

Vinyl chloride	< 0.50	ug/L	0.50	4/10/05 1:07	THP
1,1-Dichloroethene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Methylene chloride	< 0.50	ug/L	0.50	4/10/05 1:07	THP
trans-1,2-Dichloroethene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
cis-1,2-Dichloroethene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Chloroform	1.2	ug/L	0.50	4/10/05 1:07	THP
1,1,1-Trichloroethane	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Carbon tetrachloride	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Benzene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
1,2-Dichloroethane	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Trichloroethene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
1,2-Dichloropropane	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Bromodichloromethane	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Toluene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
1,1,2-Trichloroethane	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Tetrachloroethene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Dibromochloromethane	1.4	ug/L	0.50	4/10/05 1:07	THP
Chlorobenzene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Ethylbenzene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
m,p-Xylene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
o-Xylene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Styrene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Bromoform	3.5	ug/L	0.50	4/10/05 1:07	THP
1,4-Dichlorobenzene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
1,2-Dichlorobenzene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
1,2,4-Trichlorobenzene	< 0.50	ug/L	0.50	4/10/05 1:07	THP
Total Xylenes	< 1.0	ug/L	1.0	4/10/05 1:07	THP
Total THMs	6.1	ug/L	2.0	4/10/05 1:07	THP

Lab ID: 0504143-002

Collection Date: 4/7/05 10:49:00 AM

Client Sample ID: Air Stripper 2 (Pre)

Matrix: WASTEWATER

VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 624)

Prep. Method: NA

Prep. Date: NA

Prep Analyst NA

*note: Result for 2-Chloroethyl vinyl ether estimated due to CCV %D out of acceptance limits.*

Chloromethane	< 10	µg/L	10	4/11/05 0:36	THP
Vinyl chloride	< 10	µg/L	10	4/11/05 0:36	THP





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## Gascoyne Division

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### CERTIFICATE OF ANALYSIS

Page 2 of 6

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

Report No: 0504143  
Date Received: 4/7/05  
Date Reported: 4/19/05

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Bromomethane	< 10	µg/L	10	4/11/05 0:36	THP
Chloroethane	< 10	µg/L	10	4/11/05 0:36	THP
Acrolein	< 100	µg/L	100	4/11/05 0:36	THP
1,1-Dichloroethene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Methylene chloride	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Acrylonitrile	< 100	µg/L	100	4/11/05 0:36	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Chloroform	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Benzene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Trichloroethene	140	µg/L	5.0	4/11/05 0:36	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Bromodichloromethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	4/11/05 0:36	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Toluene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Tetrachloroethene	61	µg/L	5.0	4/11/05 0:36	THP
Dibromochloromethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Chlorobenzene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Ethylbenzene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
Bromoform	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	4/11/05 0:36	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	4/11/05 0:36	THP

Lab ID: 0504143-003

Collection Date: 4/7/05 10:48:00 AM

Client Sample ID: Outfall 201 (Post)

Matrix: WASTEWATER

#### VOLATILE ORGANIC COMPOUNDS (METHOD: EPA 624)

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

*note: Result for 2-Chloroethyl vinyl ether estimated due to CCV %D out of acceptance limits.*

Chloromethane	< 10	µg/L	10	4/11/05 1:08	THP
Vinyl chloride	< 10	µg/L	10	4/11/05 1:08	THP
Bromomethane	< 10	µg/L	10	4/11/05 1:08	THP
Chloroethane	< 10	µg/L	10	4/11/05 1:08	THP
Acrolein	< 100	µg/L	100	4/11/05 1:08	THP
1,1-Dichloroethene	< 5.0	µg/L	5.0	4/11/05 1:08	THP



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## Gascoyne Division

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Page 3 of 6

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

Report No: 0504143

Date Received: 4/7/05

Date Reported: 4/19/05

Project: Hampstead-Monthly

Test	Result	Units	Reporting Limit	Date/Time of Analysis	Analyst
Methylene chloride	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Acrylonitrile	< 100	µg/L	100	4/11/05 1:08	THP
trans-1,2-Dichloroethene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,1-Dichloroethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Chloroform	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,1,1-Trichloroethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Carbon tetrachloride	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Benzene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,2-Dichloroethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Trichloroethene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,2-Dichloropropane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Bromodichloromethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
2-Chloroethyl vinyl ether	< 10	µg/L	10	4/11/05 1:08	THP
cis-1,3-Dichloropropene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Toluene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
trans-1,3-Dichloropropene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,1,2-Trichloroethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Tetrachloroethene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Dibromochloromethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Chlorobenzene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Ethylbenzene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
Bromoform	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,1,2,2-Tetrachloroethane	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,3-Dichlorobenzene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,4-Dichlorobenzene	< 5.0	µg/L	5.0	4/11/05 1:08	THP
1,2-Dichlorobenzene	< 5.0	µg/L	5.0	4/11/05 1:08	THP

Lab ID: **0504143-004**

Collection Date: 4/7/05 10:40:00 AM

Client Sample ID: Outfall 001

Matrix: WASTEWATER

BOD (BIOCHEMICAL OXYGEN DEMAND) (METHOD: EPA 405.1)

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

BOD

< 2.0

mg/L

2.0

4/8/05 12:05

RED

OIL AND GREASE; HEM (METHOD: EPA 1664A)

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Oil & Grease, Total Recoverable

< 5.0

mg/L

5.0

4/14/05 12:00

BAB

TOTAL SUSPENDED SOLIDS (NON-FILTERABLE SOLIDS) (METHOD: EPA 160.2)

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Total Suspended Solids

8.0

mg/L

2.5

4/8/05 9:30

VAS



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## Gascoyne Division

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### Test Results

Page 3

**Client:** AG/GFI Hampstead **Client Sample ID:** Air Stripper 2 (Pre)  
**Report No:** 0505089 (Revised)  
**Project:** Hampstead-Monthly **Lab ID:** 0505089-002  
**Matrix:** WASTEWATER **Collection Date:** 5/4/2005 11:33

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

**VOLATILE ORGANIC COMPOUNDS (EPA 624)**

Analyst: THP

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Chloromethane	< 10	10	µg/L	5/17/2005 11:22
Vinyl chloride	< 10	10	µg/L	5/17/2005 11:22
Bromomethane	< 10	10	µg/L	5/17/2005 11:22
Chloroethane	< 10	10	µg/L	5/17/2005 11:22
Acrolein	< 100	100	µg/L	5/17/2005 11:22
1,1-Dichloroethene	< 5.0	5.0	µg/L	5/17/2005 11:22
Methylene chloride	< 5.0	5.0	µg/L	5/17/2005 11:22
Acrylonitrile	< 100	100	µg/L	5/17/2005 11:22
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	5/17/2005 11:22
1,1-Dichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:22
Chloroform	< 5.0	5.0	µg/L	5/17/2005 11:22
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:22
Carbon tetrachloride	< 5.0	5.0	µg/L	5/17/2005 11:22
Benzene	< 5.0	5.0	µg/L	5/17/2005 11:22
1,2-Dichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:22
Trichloroethene	140	5.0	µg/L	5/17/2005 11:22
1,2-Dichloropropane	< 5.0	5.0	µg/L	5/17/2005 11:22
Bromodichloromethane	< 5.0	5.0	µg/L	5/17/2005 11:22
2-Chloroethyl vinyl ether	< 10	10	µg/L	5/17/2005 11:22
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	5/17/2005 11:22
Toluene	< 5.0	5.0	µg/L	5/17/2005 11:22
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	5/17/2005 11:22
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:22
Tetrachloroethene	67	5.0	µg/L	5/17/2005 11:22
Dibromochloromethane	< 5.0	5.0	µg/L	5/17/2005 11:22
Chlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:22
Ethylbenzene	< 5.0	5.0	µg/L	5/17/2005 11:22
Bromoform	< 5.0	5.0	µg/L	5/17/2005 11:22
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	5/17/2005 11:22
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:22
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:22



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### Test Results

Page 4

<b>Client:</b>	AG/GFI Hampstead	<b>Client Sample ID:</b>	Air Stripper 2 (Pre)
<b>Report No:</b>	0505089 (Revised)	<b>Lab ID:</b>	0505089-002
<b>Project:</b>	Hampstead-Monthly	<b>Collection Date:</b>	5/4/2005 11:33
<b>Matrix:</b>	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:22



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## Test Results

Page 5

<b>Client:</b> AG/GFI Hampstead	<b>Client Sample ID:</b> Outfall 201 (Post)
<b>Report No:</b> 0505089 (Revised)	
<b>Project:</b> Hampstead-Monthly	<b>Lab ID:</b> 0505089-003
<b>Matrix:</b> WASTEWATER	<b>Collection Date:</b> 5/4/2005 11:32

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
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### VOLATILE ORGANIC COMPOUNDS (EPA 624)

Analyst: THP

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Chloromethane	< 10	10	µg/L	5/17/2005 11:54
Vinyl chloride	< 10	10	µg/L	5/17/2005 11:54
Bromomethane	< 10	10	µg/L	5/17/2005 11:54
Chloroethane	< 10	10	µg/L	5/17/2005 11:54
Acrolein	< 100	100	µg/L	5/17/2005 11:54
1,1-Dichloroethene	< 5.0	5.0	µg/L	5/17/2005 11:54
Methylene chloride	< 5.0	5.0	µg/L	5/17/2005 11:54
Acrylonitrile	< 100	100	µg/L	5/17/2005 11:54
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	5/17/2005 11:54
1,1-Dichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:54
Chloroform	< 5.0	5.0	µg/L	5/17/2005 11:54
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:54
Carbon tetrachloride	< 5.0	5.0	µg/L	5/17/2005 11:54
Benzene	< 5.0	5.0	µg/L	5/17/2005 11:54
1,2-Dichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:54
Trichloroethene	< 5.0	5.0	µg/L	5/17/2005 11:54
1,2-Dichloropropane	< 5.0	5.0	µg/L	5/17/2005 11:54
Bromodichloromethane	< 5.0	5.0	µg/L	5/17/2005 11:54
2-Chloroethyl vinyl ether	< 10	10	µg/L	5/17/2005 11:54
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	5/17/2005 11:54
Toluene	< 5.0	5.0	µg/L	5/17/2005 11:54
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	5/17/2005 11:54
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	5/17/2005 11:54
Tetrachloroethene	< 5.0	5.0	µg/L	5/17/2005 11:54
Dibromochloromethane	< 5.0	5.0	µg/L	5/17/2005 11:54
Chlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:54
Ethylbenzene	< 5.0	5.0	µg/L	5/17/2005 11:54
Bromoform	< 5.0	5.0	µg/L	5/17/2005 11:54
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	5/17/2005 11:54
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:54
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:54



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## Test Results

Page 6

<b>Client:</b> AG/GFI Hampstead	<b>Client Sample ID:</b> Outfall 201 (Post)
<b>Report No:</b> 0505089 (Revised)	
<b>Project:</b> Hampstead-Monthly	<b>Lab ID:</b> 0505089-003
<b>Matrix:</b> WASTEWATER	<b>Collection Date:</b> 5/4/2005 11:32

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	5/17/2005 11:54



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### Test Results

Page 2

Client: AG/GFI Hampstead  
Report No: 0506024 (Revised)  
Project: Hampstead-Monthly  
Matrix: WASTEWATER

Client Sample ID: Air Stripper 2 (Pre)  
Lab ID: 0506024-002  
Collection Date: 6/1/05 12:27

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
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#### VOLATILE ORGANIC COMPOUNDS (EPA 624)

Analyst: THP

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Chloromethane	< 10	10	µg/L	6/5/05	8:54
Vinyl chloride	< 10	10	µg/L	6/5/05	8:54
Bromomethane	< 10	10	µg/L	6/5/05	8:54
Chloroethane	< 10	10	µg/L	6/5/05	8:54
Acrolein	< 100	100	µg/L	6/5/05	8:54
1,1-Dichloroethene	< 5.0	5.0	µg/L	6/5/05	8:54
Methylene chloride	< 5.0	5.0	µg/L	6/5/05	8:54
Acrylonitrile	< 100	100	µg/L	6/5/05	8:54
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	6/5/05	8:54
1,1-Dichloroethane	< 5.0	5.0	µg/L	6/5/05	8:54
Chloroform	< 5.0	5.0	µg/L	6/5/05	8:54
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	6/5/05	8:54
Carbon tetrachloride	< 5.0	5.0	µg/L	6/5/05	8:54
Benzene	< 5.0	5.0	µg/L	6/5/05	8:54
1,2-Dichloroethane	< 5.0	5.0	µg/L	6/5/05	8:54
Trichloroethene	120	5.0	µg/L	6/5/05	8:54
1,2-Dichloropropane	< 5.0	5.0	µg/L	6/5/05	8:54
Bromodichloromethane	< 5.0	5.0	µg/L	6/5/05	8:54
2-Chloroethyl vinyl ether	< 10	10	µg/L	6/5/05	8:54
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	6/5/05	8:54
Toluene	< 5.0	5.0	µg/L	6/5/05	8:54
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	6/5/05	8:54
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	6/5/05	8:54
Tetrachloroethene	89	5.0	µg/L	6/5/05	8:54
Dibromochloromethane	< 5.0	5.0	µg/L	6/5/05	8:54
Chlorobenzene	< 5.0	5.0	µg/L	6/5/05	8:54
Ethylbenzene	< 5.0	5.0	µg/L	6/5/05	8:54
Bromoform	< 5.0	5.0	µg/L	6/5/05	8:54
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	6/5/05	8:54
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	6/5/05	8:54
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	6/5/05	8:54



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### Test Results

Page 3

**Client:** AG/GFI Hampstead  
**Report No:** 0506024 (Revised)  
**Project:** Hampstead-Monthly  
**Matrix:** WASTEWATER

**Client Sample ID:** Air Stripper 2 (Pre)  
**Lab ID:** 0506024-002  
**Collection Date:** 6/1/05 12:27

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	6/5/05 8:54





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### Test Results

Client: AG/GFI Hampstead  
 Report No: 0506024 (Revised)  
 Project: Hampstead-Monthly  
 Matrix: WASTEWATER

Client Sample ID: Outfall 201 (Post)  
 Lab ID: 0506024-003  
 Collection Date: 6/1/05 12:26

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

**VOLATILE ORGANIC COMPOUNDS ( EPA 624 )**

Analyst: THP

Prep. Method: NA

Prep. Date: NA

Prep Analyst NA

Chloromethane	< 10	10	µg/L	6/5/05	9:26
Vinyl chloride	< 10	10	µg/L	6/5/05	9:26
Bromomethane	< 10	10	µg/L	6/5/05	9:26
Chloroethane	< 10	10	µg/L	6/5/05	9:26
Acrolein	< 100	100	µg/L	6/5/05	9:26
1,1-Dichloroethene	< 5.0	5.0	µg/L	6/5/05	9:26
Methylene chloride	< 5.0	5.0	µg/L	6/5/05	9:26
Acrylonitrile	< 100	100	µg/L	6/5/05	9:26
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	6/5/05	9:26
1,1-Dichloroethane	< 5.0	5.0	µg/L	6/5/05	9:26
Chloroform	< 5.0	5.0	µg/L	6/5/05	9:26
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	6/5/05	9:26
Carbon tetrachloride	< 5.0	5.0	µg/L	6/5/05	9:26
Benzene	< 5.0	5.0	µg/L	6/5/05	9:26
1,2-Dichloroethane	< 5.0	5.0	µg/L	6/5/05	9:26
Trichloroethene	< 5.0	5.0	µg/L	6/5/05	9:26
1,2-Dichloropropane	< 5.0	5.0	µg/L	6/5/05	9:26
Bromodichloromethane	< 5.0	5.0	µg/L	6/5/05	9:26
2-Chloroethyl vinyl ether	< 10	10	µg/L	6/5/05	9:26
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	6/5/05	9:26
Toluene	< 5.0	5.0	µg/L	6/5/05	9:26
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	6/5/05	9:26
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	6/5/05	9:26
Tetrachloroethene	< 5.0	5.0	µg/L	6/5/05	9:26
Dibromochloromethane	< 5.0	5.0	µg/L	6/5/05	9:26
Chlorobenzene	< 5.0	5.0	µg/L	6/5/05	9:26
Ethylbenzene	< 5.0	5.0	µg/L	6/5/05	9:26
Bromoform	< 5.0	5.0	µg/L	6/5/05	9:26
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	6/5/05	9:26
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	6/5/05	9:26
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	6/5/05	9:26



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### Test Results

Page 5

Client: AG/GFI Hampstead

Client Sample ID: Outfall 201 (Post)

Report No: 0506024 (Revised)

Lab ID: 0506024-003

Project: Hampstead-Monthly

Collection Date: 6/1/05 12:26

Matrix: WASTEWATER

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	6/5/05 9:26

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

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July 7, 2005

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

**Reference: Analytical Data**  
**Black & Decker – 0505L517**

Dear Mr. Flasinski:

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

RFW Batch #	Date Received	Fraction
0505L517	05.18.05	Volatiles

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

Best Regards,

Lionville Laboratory Incorporated

Mark D. Haslett  
Project Manager

Enclosure

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

DATE RECEIVED: 05/18/05

LVL LOT # :0505L517

CLIENT ID	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
RFW-1A	001	W	05LVK112	05/16/05	N/A	05/26/05
RFW-1B	002	W	05LVK112	05/17/05	N/A	05/26/05
RFW-2A	003	W	05LVK112	05/16/05	N/A	05/26/05
RFW-2B	004	W	05LVK112	05/16/05	N/A	05/26/05
RFW-3B	005	W	05LVK112	05/17/05	N/A	05/26/05
RFW-4A	006	W	05LVK112	05/17/05	N/A	05/26/05
RFW-4B	007	W	05LVK112	05/17/05	N/A	05/26/05
RFW-4B DUP	008	W	05LVK112	05/17/05	N/A	05/26/05
RFW-6	009	W	05LVK112	05/17/05	N/A	05/26/05
RFW-7	010	W	05LVK112	05/16/05	N/A	05/26/05
RFW-9	011	W	05LVK112	05/17/05	N/A	05/26/05
RFW-11B	012	W	05LVK112	05/17/05	N/A	05/26/05
RFW-12B	013	W	05LVK115	05/17/05	N/A	05/27/05
RFW-13	014	W	05LVX117	05/17/05	N/A	05/26/05
RFW-17	015	W	05LVX117	05/16/05	N/A	05/26/05
RFW-20	016	W	05LVX117	05/16/05	N/A	05/26/05
RFW-21	017	W	05LVX117	05/16/05	N/A	05/26/05
LEISTER-1	018	W	05LVX117	05/16/05	N/A	05/27/05
LEISTER-2	019	W	05LVX117	05/16/05	N/A	05/27/05
LEISTER-2	019 MS	W	05LVX117	05/16/05	N/A	05/27/05
LEISTER-2	019 MSD	W	05LVX117	05/16/05	N/A	05/27/05
LEISTER-DAIRY	020	W	05LVX117	05/16/05	N/A	05/27/05
LEISTER-DAIRY	020 MS	W	05LVX117	05/16/05	N/A	05/27/05
LEISTER-DAIRY	020 MSD	W	05LVX117	05/16/05	N/A	05/27/05
EW-2	021	W	05LVK116	05/16/05	N/A	05/28/05
EW-3	022	W	05LVK115	05/17/05	N/A	05/27/05
EW-3	022	D1	W 05LVK116	05/17/05	N/A	05/28/05
EW-4	023	W	05LVK115	05/17/05	N/A	05/27/05
EW-4	023	D1	W 05LVK116	05/17/05	N/A	05/28/05
EW-5	024	W	05LVK115	05/16/05	N/A	05/27/05
EW-6	025	W	05LVK115	05/17/05	N/A	05/27/05
EW-7	026	W	05LVK115	05/17/05	N/A	05/27/05
EW-8	027	W	05LVK115	05/17/05	N/A	05/27/05
EW-9	028	W	05LVK116	05/17/05	N/A	05/28/05
EW-9 DUP	029	W	05LVK116	05/17/05	N/A	05/28/05
EW-10	030	W	05LVK115	05/17/05	N/A	05/27/05
HAMP-22	031	W	05LVK115	05/17/05	N/A	05/27/05
HAMP-23	032	W	05LVK115	05/17/05	N/A	05/27/05

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

DATE RECEIVED: 05/18/05

LVL LOT # :0505L517

CLIENT ID	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
TRIP BLANK	033	W	05LVK112	05/16/05	N/A	05/26/05

LAB QC:

VBLKUV	MB1	W	05LVK112	N/A	N/A	05/26/05
VBLKUX	MB1	W	05LVK115	N/A	N/A	05/27/05
VBLKST	MB1	W	05LVX117	N/A	N/A	05/26/05
VBLKST	MB1 BS	W	05LVX117	N/A	N/A	05/26/05
VBLKVF	MB1	W	05LVK116	N/A	N/A	05/28/05



Case Narrative

Client: BLACK & DECKER  
LVL #: 0505L517

W.O. #: 02501-004-002-0200-00

Date Received: 05-18-2005

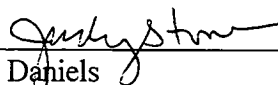
GC/MS VOLATILE

Thirty-three (33) water samples were collected on 05-16,17-2005.

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 05-26,27,28-2005.

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. A non-target compound was detected in sample RFW-17.
4. Several samples required 2 to 10-fold dilutions 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 05LVX117-MB1 and 05LVK116-MB1 with contained the common laboratory contaminant Methylene chloride at levels 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").
11. LvLI is NELAP accredited by the state of Pennsylvania and holds over 20 additional state accreditations. For a complete listing of accrediting authorities and the corresponding analytes/methods, please contact your Project Manager.

  
Iain Daniels  
Laboratory Manager  
Lionville Laboratory Incorporated

7/6/05  
Date

som\group\data\bna\black-decker\0505-517.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 66 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.

sb\10-03\gloss.doc



00000004



## 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.

## 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

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 1a

	Cust ID:	RFW-1A	RFW-1B	RFW-2A	RFW-2B	RFW-3B	RFW-4A
Sample Information	RFW#:	001	002	003	004	005	006
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		89 %	90 %	90 %	89 %	90 %	92 %
Surrogate Bromofluorobenzene		98 %	100 %	100 %	98 %	100 %	103 %
Recovery 1,2-Dichloroethane-d4		82 %	84 %	84 %	85 %	84 %	84 %
=====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		5 U	5 U	5 U	5 U	5 U	5 U
Acetone		10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		5 U	5 U	5 U	5 U	1 J	5 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	5 U	12	1 J
Chloroform		5 U	5 U	5 U	5 U	5 U	1 J
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	2 J	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene		5 U	5 U	1 J	2 J	9	52
Dibromochloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Benzene		5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		5 U	5 U	5 U	5 U	10	70
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 1b

Cust ID: RFW-1A RFW-1B RFW-2A RFW-2B RFW-3B RFW-4A

RFW#:	001	002	003	004	005	006
Toluene	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 2a

	Cust ID:	RFW-4B	RFW-4B DUP	RFW-6	RFW-7	RFW-9	RFW-11B
Sample	RFW#:	007	008	009	010	011	012
Information	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
	Toluene-d8	89 %	90 %	90 %	92 %	91 %	89 %
Surrogate	Bromofluorobenzene	99 %	100 %	98 %	103 %	102 %	98 %
Recovery	1,2-Dichloroethane-d4	84 %	84 %	84 %	84 %	84 %	84 %
=====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		5 U	5 U	5 U	5 U	5 U	5 U
Acetone		10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		5 U	5 U	5 U	5 U	1 J	5 U
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5	5	2 J	5 U	21	5 U
Chloroform		1 J	1 J	5 U	5 U	5 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	3 J	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		37	37	10	7	23	38
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		76	78	9	5 U	10	1 J
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 2b

Cust ID: RFW-4B RFW-4B DUP RFW-6 RFW-7 RFW-9 RFW-11B

RFW#:	007	008	009	010	011	012
Toluene	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 3a

	Cust ID:	RFW-12B	RFW-13	RFW-17	RFW-20	RFW-21	LEISTER-1
Sample Information	RFW#:	013	014	015	016	017	018
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	5.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		88 %	98 %	99 %	102 %	94 %	102 %
Surrogate Bromofluorobenzene		97 %	90 %	88 %	90 %	84 %	94 %
Recovery 1,2-Dichloroethane-d4		81 %	104 %	99 %	104 %	103 %	105 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		50 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		50 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		50 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		50 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		25 U	4 BJ	4 JB	4 JB	4 JB	5 JB
Acetone		50 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		25 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane		25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		25 U	5 U	5 U	5 U	5 U	5 U
Chloroform		25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		25 U	5 U	5 U	5 U	5 U	5 U
2-Butanone		50 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		25 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		25 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		50 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		25 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		25 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		25 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	380		14	5 U	2 J	5 U	5 U
Dibromochloromethane		25 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane		25 U	5 U	5 U	5 U	5 U	5 U
Benzene		25 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene		25 U	5 U	5 U	5 U	5 U	5 U
Bromoform		25 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		50 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		50 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		33	45	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane		25 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

Cust ID: RFW-12B RFW-13 RFW-17 RFW-20 RFW-21 LEISTER-1

RFW#: 013 014 015 016 017 018

	013	014	015	016	017	018
Toluene	25 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	25 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	25 U	5 U	5 U	5 U	5 U	5 U
Styrene	25 U	5 U	5 U	5 U	5 U	5 U
Xylene (total)	25 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

0505L517



Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 4a

Sample Information	Cust ID:	LEISTER-2	LEISTER-2	LEISTER-2	LEISTER-DAIR	LEISTER-DAIR	LEISTER-DAIR
	RFW#:	019	019 MS	019 MSD	Y 020	Y 020 MS	Y 020 MSD
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Surrogate	Toluene-d8	100 %	95 %	96 %	99 %	96 %	95 %
Recovery	Bromofluorobenzene	92 %	87 %	89 %	93 %	91 %	85 %
	1,2-Dichloroethane-d4	98 %	96 %	95 %	100 %	99 %	99 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		5 JB	5 JB	6 B	5 JB	4 JB	4 JB
Acetone		10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene		5 U	107 %	106 %	5 U	99 %	104 %
1,1-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)		5 U	5 U	5 U	5 U	5 U	5 U
Chloroform		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane		5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride		5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate		10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane		5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene		5 U	88 %	88 %	5 U	86 %	90 %
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	90 %	89 %	5 U	89 %	91 %
Trans-1,3-Dichloropropene		5 U	5 U	5 U	5 U	5 U	5 U
Bromoform		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		5 U	5 U	5 U	2 J	2 J	2 J
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 4b

Cust ID: LEISTER-2 LEISTER-2 LEISTER-2 LEISTER-DAIR LEISTER-DAIR LEISTER-DAIR

RFW#: 019 019 MS 019 MSD Y 020 Y 020 MS 020 MSD

	019	019 MS	019 MSD	Y	020	Y	020 MS	020 MSD
Toluene	5 U	94 %	97 %	5 U	94 %	95 %		
Chlorobenzene	5 U	93 %	93 %	5 U	92 %	91 %		
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U		
Styrene	5 U	5 U	5 U	5 U	5 U	5 U		
Xylene (total)	5 U	5 U	5 U	5 U	5 U	5 U		

\*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 5a

	Cust ID:	EW-2	EW-3	EW-3	EW-4	EW-4	EW-5
Sample Information	RFW#:	021	022	022 DL	023	023 DL	024
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	D.F.:	5.00	1.00	2.00	5.00	10.0	2.00
	Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8		88 %	89 %	89 %	89 %	88 %	89 %
Surrogate Bromofluorobenzene		98 %	97 %	99 %	99 %	100 %	98 %
Recovery 1,2-Dichloroethane-d4		86 %	81 %	86 %	84 %	88 %	82 %
=====fl=====fl=====fl=====fl=====fl=====fl=====fl=====							
Chloromethane		50 U	10 U	20 U	50 U	100 U	20 U
Bromomethane		50 U	10 U	20 U	50 U	100 U	20 U
Vinyl Chloride		50 U	10 U	20 U	50 U	100 U	20 U
Chloroethane		50 U	10 U	20 U	50 U	100 U	20 U
Methylene Chloride		25 U	5 U	3 JBD	25 U	50 U	3 J
Acetone		50 U	10 U	20 U	50 U	100 U	20 U
Carbon Disulfide		25 U	5 U	10 U	25 U	50 U	10 U
1,1-Dichloroethene		25 U	5 U	10 U	25 U	50 U	10 U
1,1-Dichloroethane		25 U	5 U	10 U	25 U	50 U	10 U
1,2-Dichloroethene (total)		25 U	2 J	10 U	25 U	50 U	10 U
Chloroform		25 U	5 U	10 U	25 U	50 U	10 U
1,2-Dichloroethane		25 U	5 U	10 U	25 U	50 U	10 U
2-Butanone		50 U	10 U	20 U	50 U	100 U	20 U
1,1,1-Trichloroethane		25 U	5 U	10 U	25 U	50 U	10 U
Carbon Tetrachloride		25 U	5 U	10 U	25 U	50 U	10 U
Vinyl Acetate		50 U	10 U	20 U	50 U	100 U	20 U
Bromodichloromethane		25 U	5 U	10 U	25 U	50 U	10 U
1,2-Dichloropropane		25 U	5 U	10 U	25 U	50 U	10 U
cis-1,3-Dichloropropene		25 U	5 U	10 U	25 U	50 U	10 U
Trichloroethene		650	210 E	160 D	1000 E	1100 D	270
Dibromochloromethane		25 U	5 U	10 U	25 U	50 U	10 U
1,1,2-Trichloroethane		25 U	5 U	10 U	25 U	50 U	10 U
Benzene		25 U	5 U	10 U	25 U	50 U	10 U
Trans-1,3-Dichloropropene		25 U	5 U	10 U	25 U	50 U	10 U
Bromoform		25 U	5 U	10 U	25 U	50 U	10 U
4-Methyl-2-pentanone		50 U	10 U	20 U	50 U	100 U	20 U
2-Hexanone		50 U	10 U	20 U	50 U	100 U	20 U
Tetrachloroethene		79	8	6 JD	27	24 JD	11
1,1,2,2-Tetrachloroethane		25 U	5 U	10 U	25 U	50 U	10 U

\*= Outside of EPA CLP QC limits.

Cust ID:	EW-2	EW-3	EW-3	EW-4	EW-4	EW-5
RFW#:	021	022	022 DL	023	023 DL	024
Toluene	25 U	5 U	10 U	25 U	50 U	10 U
Chlorobenzene	25 U	5 U	10 U	25 U	50 U	10 U
Ethylbenzene	25 U	5 U	10 U	25 U	50 U	10 U
Styrene	25 U	5 U	10 U	25 U	50 U	10 U
Xylene (total)	25 U	5 U	10 U	25 U	50 U	10 U

\*= Outside of EPA CLP QC limits.

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 6a

	Cust ID:	EW-6	EW-7	EW-8	EW-9	EW-9 DUP	EW-10
Sample Information	RFW#:	025	026	027	028	029	030
	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
Toluene-d8		91 %	90 %	90 %	89 %	89 %	90 %
Surrogate Bromofluorobenzene		100 %	101 %	101 %	100 %	100 %	100 %
Recovery 1,2-Dichloroethane-d4		81 %	82 %	82 %	84 %	82 %	83 %
		-----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		5 U	5 U	5 U	3 JB	4 BJ	5 U
Acetone		10 U	10 U	10 U	20 U	20 U	10 U
Carbon Disulfide		5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethene		5 U	5 U	5 U	10 U	10 U	5 U
1,1-Dichloroethane		5 U	5 U	5 U	10 U	10 U	5 U
1,2-Dichloroethene (total)		5 U	8	27	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	20 U	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		13	6	13	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		5 U	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
4-Methyl-2-pentanone		10 U	10 U	10 U	20 U	20 U	10
2-Hexanone		10 U	10 U	10 U	20 U	20 U	
Tetrachloroethene		36	13	90	240	250	
1,1,2,2-Tetrachloroethane		5 U	5 U	5 U	10 U	10 U	

\*= Outside of EPA CLP QC limits.

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 6b

Cust ID:	EW-6	EW-7	EW-8	EW-9	EW-9 DUP	EW-10
RFW#:	025	026	027	028	029	030
Toluene	5 U	5 U	5 U	10 U	10 U	5 U
Chlorobenzene	5 U	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.

Lionville Laboratory, Inc.

Volatiles by GC/MS, HSL List

Report Date: 06/15/05 09:58

RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 7a

Cust ID:	HAMP-22	HAMP-23	TRIP BLANK	VBLKUV	VBLKUX	VBLKST
Sample RFW#:	031	032	033	05LVK112-MB1	05LVK115-MB1	05LVX117-MB1
Information Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
Units:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Toluene-d8	90 %	90 %	90 %	89 %	91 %	98 %
Surrogate Bromofluorobenzene	100 %	101 %	99 %	99 %	99 %	85 %
Recovery 1,2-Dichloroethane-d4	83 %	83 %	83 %	84 %	80 %	94 %
=====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	5 U	5 U	4 J	5 U	5 U	3 J
Acetone	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	5 U	5 U	5 U	5 U	5 U	5 U
Trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U

\*= Outside of EPA CLP QC limits.

Cust ID: HAMP-22 HAMP-23 TRIP BLANK VBLKUV VBLKUX VBLKST

RFW#: 031 032 033 05LVK112-MB1 05LVK115-MB1 05LVX117-MB1

	031	032	033	05LVK112-MB1	05LVK115-MB1	05LVX117-MB1
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.





RFW Batch Number: 0505L517

Client: BLACK & DECKER

Work Order: 02501004002 Page: 8b

Cust ID: VBLKST BS VBLKVF

RFW#: 05LVX117-MB1 05LVK116-MB1

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Toluene	103	%	5	U
Chlorobenzene	96	%	5	U
Ethylbenzene	5	U	5	U
Styrene	5	U	5	U
Xylene (total)	5	U	5	U

\*= Outside of EPA CLP QC limits.

00000002

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: 0505L517-001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: k052606

Level: (low/med) LOW Date Received: 05/18/05

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/26/05

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: 0505L517-002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: k052607

Level: (low/med) LOW Date Received: 05/18/05

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/26/05

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: 0505L517-003

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: k052608

Level: (low/med) LOW Date Received: 05/18/05

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/26/05

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: 0505L517-004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: k052609

Level: (low/med) LOW Date Received: 05/18/05

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 05/26/05

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.				

