ANNUAL REPORT

Prepared for

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

Hampstead, Maryland

July 2009

Prepared by

WESTON SOLUTIONS, INC.

West Chester, Pennsylvania 19380-1499

W.O. No. 02501.004.004.0700

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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 2008 through June 2009.

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 2008 and January through June 2009, 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 2009 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 162 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 2008 through June 2009 are included in Appendix B.

2.3 GROUNDWATER QUALITY DATA

For the reporting period of July 2008 through June 2009, approximately 78.1 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 trichlororethene (TCE) (84.2 %) and tetrachloroethene (PCE) (15.8 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July 2008 through June 2009 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 2008 and the first and second quarters of

Table 2-1
Treatment System Pumping Records
(July 2008 through June 2009)

Black & Decker
Hampstead, Maryland

Date	Water Pumped (gallons)
July 2008	6,306,339
August 2008	6,110,707
September 2008	5,079,145
October 2008	6,564,137
November 2008	6,263,267
December 2008	6,501,837
January 2009	6,143,140
February 2009	5,882,030
March 2009	6,039,130
April 2009	5,705,150
May 2009	6,616,909
June 2009	6,544,709

Table 2-2
Groundwater Elevation Data (July 2008 through June 2009)
Black & Decker
Hampstead, Maryland

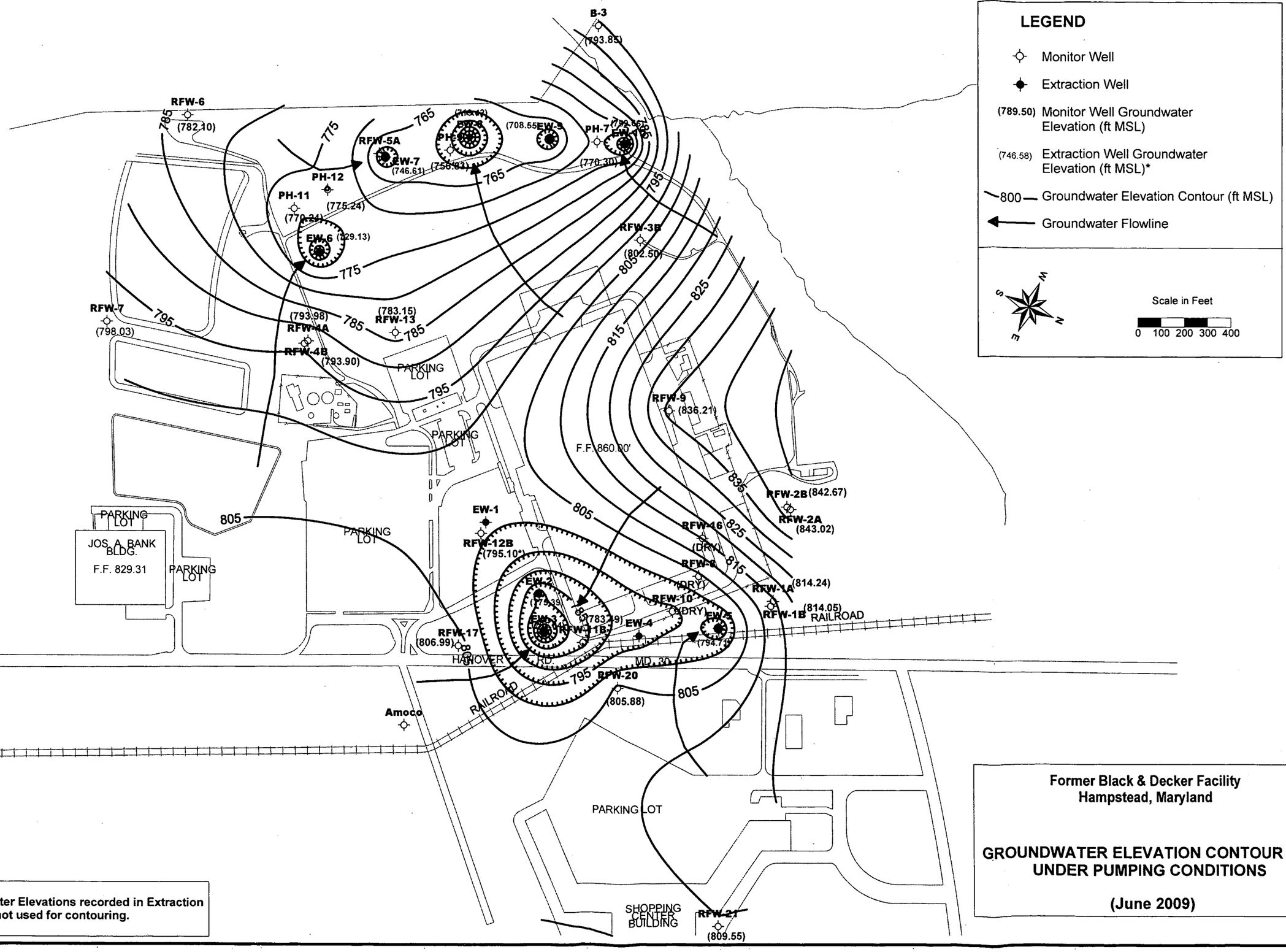
WELL NO.	TOC ELEV	TOTAL DEPTH	7/26/2008 DTW	7/26/2008 ELEV	8/27/2008 DTW	8/27/2008 ELEV	9/29/2008 DTW	9/29/2008 ELEV	10/27/2008 DTW	10/27/2008 ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	78.90	770.31	62.10	787.11	72.12	777.09	74.83	774.38
EW-3	846.64	118	95.78	750.86	97.40	749.24	83.14	763.50	85.11	761.53
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	80.71	783.46	64.69	799.48	65.33	798.84	61.54	802.63
EW-6	831.98	115	94.60	737.38	103.20	728.78	79.08	752.90	103.23	728.75
EW-7	818.38	78	66.43	751.95	71.71	746.67	71.50	746.88	73.60	744.78
EW-8	811.13	98	86.11	725.02	91.70	719.43	91.17	719.96	92.10	719.03
EW-9	811.35	141	102.50	708.85	103.70	707.65	102.30	709.05	104.20	707.15
EW-10	807.74	NA	58.64	749.10	59.90	747.84	57.82	749.92	61.43	746.31
RFW-1A	864.37	78	51.65	812.72	48.21	816.16	49.11	815.26	50.68	813.69
RFW-1B	864.23	200	51.59	812.64	48.24	815.99	49.14	815.09	50.73	813.50
RFW-2A	857.41	35	14.21	843.20	17.51	839.90	16.84	840.57	16.99	840.42
RFW-2B	857.73	75	14.82	842.91	18.11	839.62	17.30	840.43	17.41	840.32
RFW-3B	839.21	153	38.01	801.20	35.86	803.35	37.41	801.80	38.10	801.11
RFW-4A	830.37	62	37.41	792.96	35.51	794.86	37.79	792.58	42.73	787.64
RFW-4B	830.37	120	37.30	793.07	35.43	794.94	37.71	792.66	42.68	787.69
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	4.14	780.90	4.85	780.19	4.06	780.98	4.46	780.58
RFW-7	805.14	29	7.89	797.25	7.51	797.63	7.84	797.30	8.14	797.00
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	28.37	833.65	28.16	833.86	28.26	833.76	28.77	833.25
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	66.75	782.87	65.48	784.14	66.63	782.99	66.84	782.78
RFW-12B	844.87	264	55.12	789.75	48.90	795.97	51.11	793.76	51.47	793.40
RFW-13	849.11	150	65.10	784.01	65.46	783.65	65.22	783.89	65.90	783.21
RFW-14B	812.39	281	54.53	757.86	49.58	762.81	44.83	767.56	45.11	767.28
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	29.78	804.88	27.41	807.25	27.84	806.82	28.02	806.64
RFW-20	842.29	142	38.83	803.46	35.63	806.66	35.69	806.60	35.84	806.45
RFW-21	832.65	102	24.18	808.47	23.18	809.47	24.63	808.02	25.30	807.35
PH-7	805.94	89	39.31	766.63	37.69	768.25	38.26	767.68	40.06	765.88
PH-9	814.94	98	47.43	767.51	55.23	759.71	50.09	764.85	50.41	764.53
PH-11	820.68	78	49.40	771.28	50.78	769.90	51.30	769.38	51.48	769.20
PH-12	828.35	87	50.66	777.69	51.52	776.83	52.02	776.33	52.30	776.05
B-3	803.02	83	10.78	792.24	9.17	793.85	9.47	793.55	9.41	793.61
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	17.14	787.82	17.11	787.85	34.74	770.22	29.85	775.11
Pembroke #1	NA	NA	14.47	NA	16.00	NA	14.70	NA	12.61	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	11.08	NA	12.11	NA	11.08	NA	10.21	NA
E. Century St.	NA	NA	22.31	NA	19.46	NA	19.21	NA	19.21	NA
Lwr. Beckleys. Rd.	NA	NA	54.83	NA	54.64	NA	53.74	NA	54.02	NA

Table 2-2
Groundwater Elevation Data (July 2008 through June 2009)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	11/5/2008 DTW	11/5/2008 ELEV	12/22/2008 DTW	12/22/2008 ELEV	1/22/2009 DTW	1/22/2009 ELEV	2/25/2009 DTW	2/25/2009 ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	74.36	774.85	74.96	774.25	68.90	780.31	78.11	771.10
EW-3	846.64	118	87.81	758.83	88.11	758.53	90.41	756.23	77.31	769.33
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	61.54	802.63	69.94	794.23	63.42	800.75	71.25	792.92
EW-6	831.98	115	103.61	728.37	104.70	727.28	102.91	729.07	103.26	728.72
EW-7	818.38	78	73.50	744.88	74.31	744.07	72.69	745.69	71.79	746.59
EW-8	811.13	98	91.71	719.42	90.89	720.24	90.60	720.53	91.41	719.72
EW-9	811.35	141	102.60	708.75	101.87	709.48	104.78	706.57	104.00	707.35
EW-10	807.74	NA	59.81	747.93	60.40	747.34	64.31	743.43	55.88	751.86
RFW-1A	864.37	78	48.00	816.37	50.26	814.11	47.68	816.69	49.39	814.98
RFW-1B	864.23	200	48.04	816.19	50.30	813.93	47.74	816.49	49.45	814.78
RFW-2A	857.41	35	17.81	839.60	17.43	839.98	17.94	839.47	16.06	841.35
RFW-2B	857.73	75	18.42	839.31	17.97	839.76	18.47	839.26	16.72	841.01
RFW-3B	839.21	153	38.46	800.75	38.26	800.95	39.21	800.00	37.65	801.56
RFW-4A	830.37	62	38.41	791.96	42.89	787.48	39.57	790.80	41.86	788.51
RFW-4B	830.37	120	38.32	792.05	42.76	787.61	39.46	790.91	41.71	788.66
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	4.53	780.51	3.98	781.06	4.61	780.43	5.81	779.23
RFW-7	805.14	29	6.85	798.29	7.89	797.25	7.49	797.65	7.18	797.96
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	28.09	833.93	29.41	832.61	28.11	833.91	27.90	834.12
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	66.61	783.01	67.40	782.22	67.40	782.22	67.43	782.19
RFW-12B	844.87	264	50.84	794.03	52.51	792.36	51.32	793.55	50.86	794.01
RFW-13	849.11	150	65.69	783.42	66.04	783.07	66.60	782.51	66.87	782.24
RFW-14B	812.39	281	45.98	766.41	46.22	766.17	46.30	766.09	50.45	761.94
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	28.52	806.14	27.87	806.79	28.73	805.93	28.16	806.50
RFW-20	842.29	142	32.61	809.68	35.58	806.71	33.34	808.95	36.09	806.20
RFW-21	832.65	102	23.60	809.05	25.03	807.62	23.86	808.79	23.00	809.65
PH-7	805.94	89	37.76	768.18	40.86	765.08	41.31	764.63	33.81	772.13
PH-9	814.94	98	50.83	764.11	49.73	765.21	50.08	764.86	56.80	758.14
PH-11	820.68	78	51.43	769.25	51.53	769.15	51.86	768.82	51.26	769.42
PH-12	828.35	87	51.87	776.48	52.61	775.74	52.93	775.42	54.04	774.31
B-3	803.02	83	9.78	793.24	9.13	793.89	8.94	794.08	9.22	793.80
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	26.10	778.86	24.16	780.80	18.12	786.84	16.99	787.97
Pembroke #1	NA	NA	13.87	NA	11.24	NA	12.88	NA	11.73	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	10.47	NA	9.19	NA	10.12	NA	10.26	NA
E. Century St.	NA	NA	21.14	NA	19.47	NA	21.19	NA	19.27	NA
Lwr. Beckleys. Rd.	NA	NA	54.33	NA	55.17	NA	55.10	NA	54.73	NA

Table 2-2
Groundwater Elevation Data (July 2008 through June 2009)
Black & Decker
Hampstead, Maryland

WELL NO.	TOC ELEV	TOTAL DEPTH	3/18/2009		4/22/09		5/20/09		6/27/09	
			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	79.54	769.67	78.26	770.95	76.60	772.61	73.82	775.39
EW-3	846.64	118	81.13	765.51	82.20	764.44	84.24	762.40	79.80	766.84
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	69.41	794.76	69.84	794.33	71.63	792.54	69.46	794.71
EW-6	831.98	115	101.87	730.11	49.99	781.99	103.60	728.38	102.85	729.13
EW-7	818.38	78	70.43	747.95	71.97	746.41	71.75	746.63	71.77	746.61
EW-8	811.13	98	90.84	720.29	91.02	720.11	91.75	719.38	91.71	719.42
EW-9	811.35	141	102.00	709.35	103.00	708.35	103.51	707.84	102.80	708.55
EW-10	807.74	NA	56.11	751.63	52.21	755.53	47.93	759.81	48.08	759.66
RFW-1A	864.37	78	50.46	813.91	50.23	814.14	49.77	814.60	50.13	814.24
RFW-1B	864.23	200	50.51	813.72	50.27	813.96	49.80	814.43	50.18	814.05
RFW-2A	857.41	35	15.94	841.47	15.49	841.92	14.25	843.16	14.39	843.02
RFW-2B	857.73	75	16.36	841.37	15.78	841.95	14.90	842.83	15.06	842.67
RFW-3B	839.21	153	36.89	802.32	36.34	802.87	35.27	803.94	36.71	802.50
RFW-4A	830.37	62	39.47	790.90	38.40	791.97	37.30	793.07	36.39	793.98
RFW-4B	830.37	120	39.26	791.11	38.52	791.85	37.33	793.04	36.47	793.90
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	5.04	780.00	3.93	781.11	3.74	781.30	2.94	782.10
RFW-7	805.14	29	7.49	797.65	6.81	798.33	5.85	799.29	7.11	798.03
RFW-8	860.07	53	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	28.40	833.62	26.42	835.60	25.97	836.05	25.81	836.21
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	66.84	782.78	66.93	782.69	66.60	783.02	66.13	783.49
RFW-12B	844.87	264	50.39	794.48	50.38	794.49	51.00	793.87	49.77	795.10
RFW-13	849.11	150	66.91	782.20	66.08	783.03	66.25	782.86	65.96	783.15
RFW-14B	812.39	281	50.61	761.78	51.30	761.09	51.60	760.79	53.94	758.45
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	28.33	806.33	27.91	806.75	27.16	807.50	27.67	806.99
RFW-20	842.29	142	36.16	806.13	36.26	806.03	35.23	807.06	36.41	805.88
RFW-21	832.65	102	22.94	809.71	22.66	809.99	22.22	810.43	23.10	809.55
PH-7	805.94	89	34.04	771.90	33.51	772.43	26.15	779.79	35.64	770.30
PH-9	814.94	98	55.41	759.53	57.39	757.55	56.50	758.44	58.11	756.83
PH-11	820.68	78	50.94	769.74	49.71	770.97	49.65	771.03	50.40	770.28
PH-12	828.35	87	53.90	774.45	52.67	775.68	52.48	775.87	53.11	775.24
B-3	803.02	83	8.74	794.28	8.68	794.34	9.05	793.97	9.17	793.85
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	13.84	791.12	15.71	789.25	27.85	777.11	16.64	788.32
Pembroke #1	NA	NA	12.11	NA	12.24	NA	12.30	NA	12.61	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.44	NA	9.17	NA	10.15	NA	8.94	NA
E. Century St.	NA	NA	21.20	NA	22.04	NA	22.08	NA	21.41	NA
Lwr. Beckleys. Rd.	NA	NA	54.81	NA	53.83	NA	54.05	NA	54.41	NA



*NOTE: Groundwater Elevations recorded in Extraction Wells are not used for contouring.

Former Black & Decker Facility
Hampstead, Maryland

GROUNDWATER ELEVATION CONTOUR MAP UNDER PUMPING CONDITIONS

(June 2009)

15May2008_KT3D

Table 2-3
Effluent Characteristics Summary (July 2008 through June 2009)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE					
					July 2008	August 2008	September 2008	October 2008	November 2008	December 2008
001	FLOW	average	MGD	NA	0.097	0.058	0.133	0.120	0.157	0.170
		maximum	MGD	NA	0.151	0.089	0.400	0.286	0.316	0.662
	1,1,1-Trichloroethane		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Tetrachloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	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	13	7.0
		monthly average	mg/l	10	< 5	< 5	< 5	< 5	13	7.0
	pH	minimum	STD	6.0	6.50	6.20	6.30	6.30	6.10	6.00
		maximum	STD	8.5	7.00	6.80	8.10	7.10	7.10	6.80
	BOD		mg/l	15	5.0	4.0	0.0	6.0	0.0	2.0
	TSS	maximum	mg/l	30	14.0	12.0	6.0	13.0	7.0	0.0
		monthly average	mg/l	20	14.0	12.0	6.0	13.0	7.0	0.0
101 (Monitoring Point)	FLOW	average	MGD	NA	0.200	0.234	0.262	0.275	0.282	0.280
		maximum	MGD	NA	0.293	0.367	0.352	0.346	0.344	0.360
	Fecal Coliform		MPN/100ml	200	2.0	1.0	1.0	1.0	1.0	1.0
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.190	NR	NR	0.210
		maximum	MGD	NA	NR	NR	0.254	NR	NR	0.236
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1

DMR - Discharge Monitoring Report
NA - Not Applicable
NR - Not Reported

Table 2-3
Effluent Characteristics Summary (July 2008 through June 2009)
Black & Decker
Hampstead, Maryland

Discharge Number	Parameter		Units	Permit Limits	DMR DATE					
					January 2009	February 2009	March 2009	April 2009	May 2009	June 2009
001	FLOW	average	MGD	NA	0.184	0.141	0.081	0.022	0.142	0.156
		maximum	MGD	NA	0.233	0.194	0.199	0.271	0.179	0.231
	1,1,1-Trichloroethane		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Tetrachloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	Trichloroethylene		ug/l	5	< 1	< 1	< 1	< 1	< 1	< 1
	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	7.0	7.0	< 5	< 5	< 5
		monthly average	mg/l	10	< 5	7.0	7.0	< 5	< 5	< 5
	pH	minimum	STD	6.0	6.40	6.40	6.40	6.40	6.50	6.50
		maximum	STD	8.5	6.90	6.70	7.30	6.80	7.00	8.20
	BOD		mg/l	15	2.0	0.0	4.0	< 2	< 2	<2
	TSS	maximum	mg/l	30	4.0	0.0	10.0	8.0	< 2	8.0
		monthly average	mg/l	20	4.0	0.0	10.0	8.0	< 2	8.0
101 (Monitoring Point)	FLOW	average	MGD	NA	0.329	0.344	0.317	0.326	0.321	0.347
		maximum	MGD	NA	0.422	0.441	0.398	0.376	0.435	0.475
	Fecal Coliform		MPN/100ml	200	2.0	2.0	1.0	2.0	1.0	1.0
201 (Monitoring Point)	FLOW	average	MGD	NA	NR	NR	0.201	NR	NR	0.207
		maximum	MGD	NA	NR	NR	0.255	NR	NR	0.273
	1,1,1-Trichloroethane		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Tetrachloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1
	Trichloroethylene		ug/l	NA	NR	NR	< 1	NR	NR	< 1

DMR - Discharge Monitoring Report
NA - Not Applicable
NR - Not Reported

2009 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 primary VOCs detected at the highest concentrations in the groundwater samples. The highest concentrations of TCE were detected in the groundwater samples collected from wells RFW-12B, EW-2 and EW-4 and the highest concentrations of PCE were detected in the groundwater samples collected from well EW-9. The remainder of the detected VOCs, were detected at levels well below the Federal Maximum Concentration Levels (MCLs). The second quarter 2009 (May 2009) 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 2008
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
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	5 U	5 U	1.1	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1	1.1	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.1	2.4	1 U	1 U	1 U	9.8	27	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1.8	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	350	150	1600	250	12	7.1	13	1.6	1.5	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	74	3.6	36	15	21	14	81	160	170	1 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.

J = Indicates an estimated value.

Table 2-4
Summary of Groundwater Analytical Results - August 2008
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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	ug/L	5 U	6.5	5 U	5 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.4	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.1	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	4.5	1 U	1 U	3.7	NS	1 U	1 U	NS	14	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.3	1.2	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	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
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.6	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1.5	1.7	1 U	29	28	16	NS	4.8	10	NS	17	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	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
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	1.7	21	20	35	NS	3.9	1 U	NS	6.7	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Notes: DUP = Duplicate sample
NS = Not sampled
U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.
J = Indicates an estimated value.

Table 2-4
Summary of Groundwater Analytical Results - August 2008
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	3.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.1	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	13	430	5.5	NS	1 U	ABD	ABD	ABD	1 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	1.3	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	36	24	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: Samples from wells RFW-20 & 21, Town-22&23 are analyzed with the USEPA drinking water method 524.2 at the request of the MDE Source Protection and Appropriation Division.
Samples from all of the other wells are analyzed with USEPA Method 8260.

Table 2-5
Summary of Groundwater Analytical Results - November 2008
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
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.7	2.8	1 U	1 U	1 U	7.7	25	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	460	150	1000	230	11	5.5	11	1.7	1.2	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	64	3.8	23	16	20	11	70	180	190	2.1
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.

J = Indicates an estimated value.

Table 2-5
Summary of Groundwater Analytical Results - November 2008
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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	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 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.3	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	4.9	1 U	1 U	4.1	NS	1	1 U	NS	11	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.2	1.1	2	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	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
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.4	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1.6	1.9	3.9	26	26	50	NS	4.1	3.2	NS	15	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	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
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	2.7	18	18	81	NS	3.3	1 U	NS	4.7	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Notes: DUP = Duplicate sample
NS = Not sampled
U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.
J = Indicates an estimated value.

Table 2-5
Summary of Groundwater Analytical Results - November 2008
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	2.6 J
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.3	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.26 J	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	11	560	10	NS	1 U	ABD	ABD	ABD	1 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	2.5	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	46	32	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: Samples from wells RFW-20 & 21, Town-22&23 are analyzed with the USEPA drinking water method 524.2 at the request of the MDE Source Protection and Appropriation Division.
Samples from all of the other wells are analyzed with USEPA Method 8260.

Table 2-6
Summary of Groundwater Analytical Results - February 2009
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
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.6	2.3	1 U	1 U	1 U	7.1	28	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	420	110	930	200	13	5.7	13	1.5	1.5	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	65	3.4	21	12	21	12	81	170	190	1.7
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes: U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.

J = Indicates an estimated value.

Table 2-6
Summary of Groundwater Analytical Results - February 2009
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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NS	2 U	2 U	NS	2 U	NS
Acetone	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 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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.2	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	4	1 U	3.7	3.9	NS	1 U	1 U	NS	14	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1.1	1.8	2	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	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
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.5	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1.4	1.9	3.1	24	52	57	NS	3.4	5.1	NS	16	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	ug/L	5 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U	NS	5 U	5 U	NS	5 U	NS
2-Hexanone	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
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	2.5	16	81	91	NS	3.3	1 U	NS	6.8	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Notes: DUP = Duplicate sample
NS = Not sampled
U = Compound was analyzed for but not detected. Value shown is the method detection limit for quantification.
J = Indicates an estimated value.

Table 2-6
Summary of Groundwater Analytical Results - February 2009
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	2 U	2 U	2 U	NS	2 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.26 J	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	2.9	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.33 J	0.44 J	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.33 J	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	NS	11	450	4.4	NS	1 U	ABD	ABD	ABD	1 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.36 J	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.26 J	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	NS	1 U	44	20	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: Samples from wells RFW-20 & 21, Town-22&23 are analyzed with the USEPA drinking water method 524.2 at the request of the MDE Source Protection and Appropriation Division.
Samples from all of the other wells are analyzed with USEPA Method 8260.

Table 2-7
Summary of Groundwater Analytical Results - May 2009
Black & Decker
Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-3 DUP	EW-4 (5)	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1.8	1.3	1 U	1 U	1.1	2.5
Bromomethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethanane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	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	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	3.2	2.9	2.7	1 U	1 U	1 U	6	24	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	400	180	190	980	210	12	5.2	11	1.2	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	69	4.9	5.1	22	11	22	12	74	140	1.3
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2-7
Summary of Groundwater Analytical Results - May 2009
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	1.2	1 U	1 U	1 U	1 U	1 U	1.2	1.3	NS	1 U	1 U	NS	1 U	NS
Bromomethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Vinyl Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chloroethanane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Methylene Chloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Acetone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	1 U	5 U	NS	1 U	NS
Carbon Disulfide	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	1 U	5 U	NS	1 U	NS
1,1-Dichloroethene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.3	NS
1,1-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethene (total)	ug/L	1 U	1 U	1 U	1 U	4.1	1 U	1 U	3.9	NS	1 U	1 U	NS	13	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	1	1.2	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
2-Butanone	ug/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NS	1 U	5 U	NS	1 U	NS
1,1,1-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1.4	NS
Carbon Tetrachloride	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromodichloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,2-Dichloropropane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	5 U	1 U	NS	1 U	NS
cis-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	5 U	1 U	NS	1 U	NS
Trichloroethene	ug/L	1 U	1 U	1.4	2	1.2	27	32	25	NS	3.6	3.9	NS	18	NS
Dibromochloromethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
1,1,2-Trichloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Benzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Trans-1,3-Dichloropropene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Bromoform	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
4-Methyl-2-pentanone	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 U	NS
2-Hexanone	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 U	NS
Tetrachloroethene	ug/L	1 U	1 U	1 U	1 U	2	19	20	46	NS	3.2	1 U	NS	6.9	NS
1,1,2,2-Tetrachloroethane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Toluene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Chlorobenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Ethylbenzene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Styrene	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS
Xylene (total)	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NS	1 U	1 U	NS	1 U	NS

Table 2-7
Summary of Groundwater Analytical Results - May 2009
Black & Decker
Hampstead, Maryland

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank	RFW-20	RFW-21	Town #22	Town #23	Trip Blank
												USEPA drinking water method 524.2				
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	NS	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Chloroethanane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	1 U	1 U	1 U	NS	1 U
Methylene Chloride	ug/L	NS	1 U	1 U	5 B	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	NS	10 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	NA	NA	NA	NS	NA
1,1-Dichloroethene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	3.2	1.1	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.25 J	NS	0.5 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	NS	10 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Trichloroethene	ug/L	NS	12	640	4	NS	1 U	ABD	ABD	ABD	1 U	0.7	0.5 U	0.5 U	NS	0.5 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	NS	10 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	ABD	ABD	ABD	5 U	10 U	10 U	10 U	NS	10 U
Tetrachloroethene	ug/L	NS	1 U	54	21	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	ABD	ABD	ABD	1 U	0.5 U	0.5 U	0.5 U	NS	0.5 U

of the MDE Source Protection and Appropriation Division. Samples from all other wells are analyzed with USEPA Method 8260.

3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities that were performed on the extraction and treatment system during the reporting period (July 2008 through June 2009) 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 2008 through June2009)
Black Decker
Hampstead, maryland

Date	Event/Corrective Action
Jul-08	Alarm at air stripper. High column blower failure, reset the system. System back online.
Aug-08	Alarm at air stripper due to high wet well, reset the system. System back online.
Aug-08	Micro-Tech performed routine calibration of the air stripper.
Aug-08	Power is out to the air stripper building. System is left off for two days prior to Primo Electric arriving onsite to run a temporary 70 AMP electric line from the boiler room to the stripper building.
Sep-08	Alarm at stripper. Circuit breaker in the boiler room tripped. The system is drawing too many Amps from the temporary feed. Wells 5 and 8 are turned off for three days so the system was not pulling as many Amps.
Sep-08	Alarm at stripper. Due to a loose neutral wire on the terminal block in well 2. The wire is reconnected and all wells are back online.
Sep-08	Alarm at stripper. Circuit breaker in the boiler room tripped again. The system is drawing too many Amps from the temporary feed. Wells 7 and 8 were turned off so the system is not pulling as many Amps. Weston directed B&D to turn wells 7 and 8 on and turn off wells 6 and 10.
Sep-08	IES Electric ran a temporary 200 AMP electric feed from the old weld shop to the air stripper. The system was running with 2 wells down for approximately 20 days. All wells are now back online.
Sep-08	Alarm at the stripper, well 6 tripped out. Replaced the timing relay in well 6. All wells are back online.

Table 3-1
Treatment System Maintenance Activities (July 2008 through June2009)
Black Decker
Hampstead, maryland

Date	Event/Corrective Action
Oct-08	Alarm at air stripper. High wet well, reset the system. System back online.
Nov-08	Alarm at air stripper due to high column blower failure, reset the system. System back online.
Nov-08	EW - 9 tripped out due to a faulty heater. The heater was replaced and the well is back online. EW - 9 was down for about 16 hours.
Dec-08	EW - 2 tripped out. Replaced the timer relay, the well is back online.
Dec-08	The alarm at the air stripper due to a blower failure caused by a high column. The stripper was reset all systems are okay.
Dec-08	The new heaters were installed in wells EW - 2, EW - 4 and EW - 9.
Dec-08	Alarm at the stripper due to a low wet well. The system was reset everything is okay.
Dec-08	The air stipper and wells were down for two hours due to electrical work being done on the circuit breaker that feeds the dumping valve. Everything is up and running.
Jan-09	EW - 5 will only run on local setting, replaced 2 relays. Well is back on line.
Jan-09	Broken valve in air stripper, causing the air stripper to be shut down for 5 hours. The valve was replaced, the stripper is back online.
Jan-09	Replaced the heater in EW-10.

Table 3-1
Treatment System Maintenance Activities (July 2008 through June2009)
Black Decker
Hampstead, maryland

Date	Event/Corrective Action
Feb-09	Alarm at the stripper due to a high wet well. The system was reset everything is okay.
Feb-09	Repair the auto dialer at the stripper.
Mar-09	EW - 5 went down. Replaced the heaters in the contactor. Also the pump motor was shorted out. A new motor was installed, the well was bleached and is back online.
Mar-09	Alarm at the stripper due to a high column blower failure. The system was reset everything is okay.
Mar-09	EW-6 went down. Replaced a bad relay. The well is now back online.
Apr-09	Alarm at stripper due to high column blower failure. Blower motor #5 is locked up. A new motor is installed in the blower. A new electrical wire was installed since the old wire was shorted.
Apr-09	EW-6 went down, the motor of the pump is shorted out. The pump motor was replaced, the well is back online.
Apr-09	The system is run on the hand setting for 3 days. The Moore controller and the column controls are reconfigured. The system is running on automatic again.
May-09	Installed a new 4 inch valve in the air stripper.
Jun-09	Motor in EW-9 is bad. A new motor is installed in the pump, the well is back online.
Jun-09	Three power outages due to storms causes alarms at the air stripper. The air stripper was reset and is back online

4. TREATMENT SYSTEM PERFORMANCE EVALUATION

During the reporting period of July 2008 to June 2009, depth-to-water measurements were collected in all site monitor wells on a monthly basis. A groundwater elevation contour map was constructed each month 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.

The groundwater elevation data collected in June 2009 were contoured using KT3D (Tonkin and Larson, 2002), a software program designed to contour groundwater elevation data while taking into account one or more pumping centers. As discussed in *A Systematic Approach for Evaluation of Capture Zones at Pump and Treat System* (USEPA, 2008), KT3D uses a linear-log kriging method that accounts for more tightly spaced groundwater elevation contours around pumping centers. Traditional computer-contouring packages utilize linear kriging methods that can overestimate predicted capture zones around pumping centers.

As shown in Figure 2-1, the groundwater elevation contour map generated by KT3D using groundwater elevation and pumping rate data for June 2009 shows a large depression in the groundwater surface in the vicinity of the pumping well networks at the site. The groundwater pathlines show that the direction of groundwater flow is toward the extraction wells and the pumping well network is establishing an effective hydraulic barrier along the site property boundaries. The predicted groundwater capture zones for the pumping wells extend across the site property.

The system as presently configured is successful in meeting the objective of capturing on-site groundwater, thereby reducing 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 analytical results of the treated discharge water indicate that no VOCs are present.

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.

APPENDIX A
WITHDRAWAL REPORTS

MARYLAND DEPARTMENT of the ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

Operated By: Maryland Environmental Service
259 Najoles Road, Millersville MD

Facility: BTR Capital Group
Address: 626 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Dorrance Jones 0763. Scott Steedman 0764, Gary Dickerson 0782

Permit Number: 02-DP-0022
Operator: Earle Villarreal

Certification # 1017

Month: April
Year: 2009

	Final Effluent outfall 001										Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	O&G mg/l	Flow MGD	Fecal mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Comments
1	clear	0.0213									0.33300	< 1.8	0.0	10.0	2.0	3.9				0.210691	djones
2	clear	0.0252	6.55	0.00							0.33700		0.0	5.0	2.0	5.0				0.226046	djones
3	clear	0.0200									0.32600		0.0	5.0	2.0	5.0				0.195047	djones
4	clear	0.0209									0.37400		0.0	5.0	2.0	4.7				0.212927	djones
5	clear	0.0196									0.35200		0.0	5.0	2.0	3.0				0.211585	djones
6	clear	0.0197									0.36200		1.0	3.0	2.0	5.0				0.207603	ssteedman
7	clear	0.0192	6.66	0.00							0.31800		0.0	2.0	2.0	5.0				0.181626	ssteedman
8	clear	0.0204			< 1.00	< 1.00	< 1.00	< 2.0	8.0	< 5.0	0.34300	< 1.8	1.0	3.0	2.0	5.0	< 1	< 1	< 1	0.196598	djones
9	clear	0.0219	6.40	0.00							0.37600		1.0	5.0	2.0	4.3				0.200725	djones
10	clear	0.0211									0.35900		1.0	5.0	2.0	5.0				0.172344	djones
11	clear	0.0200									0.34100		0.0	5.0	2.0	5.0				0.180091	gdickerson
12	clear	0.0219									0.33700		0.0	5.0	2.0	5.0				0.176591	gdickerson
13	clear	0.0198									0.28200		1.0	5.0	2.0	5.0				0.165965	djones
14	clear	0.0256	6.63	0.00							0.31400		0.0	10.0	2.0	2.5				0.207521	djones
15	clear	0.0194									0.24400	< 1.8	0.0	10.0	2.0	5.0				0.155474	ssteedman
16	clear	0.0220	6.55	0.00							0.28400		0.0	10.0	2.0	5.0				0.180762	djones
17	clear	0.0265									0.35200		0.0	5.0	2.0	5.0				0.207700	djones
18	clear	0.0240									0.29500		0.0	5.0	2.0	5.0				0.192725	ssteedman
19	clear	0.0192									0.22900		0.0	5.0	2.0	5.0				0.159838	ssteedman
20	clear	0.0256									0.30600		0.0	5.0	2.0	5.0				0.206070	djones
21	clear	0.0237	6.65	0.00							0.30800		0.0	5.0	2.0	5.0				0.170887	djones
22	clear	0.0271									0.34100	< 1.8	0.0	10.0	2.0	5.0				0.205202	djones
23	clear	0.0241	6.40	0.00							0.33200		0.0	10.0	2.0	2.3				0.190782	djones
24	clear	0.0250									0.36200		0.0	10.0	2.0	5.0				0.215706	djones
25	clear	0.0229									0.31600		0.0	10.0	2.0	5.0				0.190383	djones
26	clear	0.0208									0.32300		1.0	5.0	2.0	5.0				0.084792	djones
27	clear	0.0197									0.30900		1.0	5.0	2.0	5.0				0.088412	ssteedman
28	clear	0.0226	6.78	0.00							0.35800	< 1.8	0.0	5.0	2.0	5.0				0.254887	ssteedman
29	clear	0.0195									0.30100		0.0	5.0	2.0	5.0				0.221105	ssteedman
30	clear	0.0141	6.50	0.00							0.36900		0.0	5.0	2.0	5.0				0.235067	djones
31																					
Total		0.6528	59.12	0.00	0	0	0	2	8	0	9.78300	7	7.0	183.0	60.0	140.7	0.00	0.00	0.00	5.70515	
Average		0.0218	6.57	<0.10	0	0	0	2	8	0	0.32610	1	0.2	6.1	2.0	4.7	0.00	0.00	0.00	0.19017	
Minimim		0.0141	6.40	0.00	0	0	0	2	8	0	0.22900	1	0.0	2.0	2.0	2.3	0.00	0.00	0.00	0.08479	
Maximim		0.0271	6.78	<0.10	0	0	0	0	8	0	0.37600	2	1.0	10.0	2.0	5.0	0.00	0.00	0.00	0.25489	MOR 5-07-08

MARYLAND DEPARTMENT of the ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

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259 Najoles Road, Millersville MD

Facility: BTR Capital Group
Address: 626 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Dorrance Jones 0763, Scott Steedman 0764, Gary Dickerson 0782

Permit Number: 02-DP-0022
Superintendent: Earle Villarreal

Certification # 1017

Month: May
Year: 2009

	Final Effluent outfall 001										Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	O&G mg/l	Flow MGD	Fecal mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	clear	0 13100									0.313000		0.0	10.0	2.0	5.0				0 208353	ssteedman
2	clear	0.12900									0.331000		0.0	10.0	2.0	5.0				0.218461	ssteedman
3	clear	0.13200									0.316000		0.0	10.0	2.0	5.0				0.232038	gdickerson
4	clear	0.17900									0.316000		0.0	10.0	2 0	3.0				0.212372	djones
5	clear	0.12200	6.50	0.00							0.316000		0.0	10.0	2.0	5.0				0.204265	djones
6	clear	0.13800			< 1.00	< 1.00	< 1.00	< 2.0	5.0	< 5.0	0.322000	< 1.8	0.0	15.0	2.0	5.0				0.213822	djones
7	clear	0.14600	6.98	0.00							0.325000		0.0	5.0	2.0	5.0				0 241452	djones
8	clear	0.13400									0.354000		0.0	10.0	2.0	5.0				0.217986	djones
9	clear	0.13000									0.367000		0.0	10.0	2.0	5.0				0.207702	ssteedman
10	clear	0.14500									0.278000		0.0	10.0	2.0	5.0				0.223180	ssteedman
11	clear	0.12700									0.152000		0.0	5.0	2.0	5.0				0.208650	djones
12	clear	0.15500	6.55	0.00							0.300000		0.0	5.0	3.0	5.0				0.232738	djones
13	clear	0.11600									0.209000	< 1.8	0.0	5.0	2.0	3.4				0.203645	gdickerson
14	clear	0.14500	6.60	0.00							0.271000		0.0	5.0	2.0	5.0				0.219487	djones
15	clear	0.15500									0.316000		0.0	2.0	2.0	5.0				0.214239	djones
16	clear	0.13800									0.282000		0.0	3.0	2.0	5.0				0.210399	djones
17	clear	0.14000									0.277000		0.0	5.0	2.0	5.0				0.225237	djones
18	clear	0.12900									0.258000		0.0	5.0	2.0	5.0				0.205457	ssteedman
19	clear	0.16200	6.93	0.00							0.300000		0.0	1.0	2.0	5.0				0.231242	ssteedman
20	clear	0.12900									0.247000	< 1.8	0 0	1.0	2.0	5.0				0.209920	ssteedman
21	clear	0.15100	6.75	0.00							0.380000		0.0	1.0	3 0	3.6				0.220748	djones
22	clear	0.12100									0.312000		0.0	1.0	3.0	5.0				0.162550	djones
23	clear	0.16600									0.412000		0.0	1.0	3.0	5.0				0.247532	gdickerson
24	clear	0.13900									0.337000		0.0	1.0	3.0	5.0				0.208653	gdickerson
25	clear	0.14200									0.358000		0.0	1.0	3.0	5.0				0.221783	djones
26	clear	0.16000	6.65	0.00							0.435000		0.0	1 0	2.0	5.0				0.239212	djones
27	clear	0.13600									0.331000	< 1.8	0.0	1.0	2.0	5.0				0.197605	ssteedman
28	clear	0.15700	6.70	0.00							0.390000		0.0	1.0	2.0	5.0				0.197241	djones
29	clear	0.15500									0.407000		0 0	1.0	2.0	5.0				0.181611	djones
30	clear	0.14700									0.380000		0.0	1.0	2.0	5.0				0.192822	ssteedman
31	clear	0.15300									0.374000		0.0	2.0	2.0	5.0				0.206507	ssteedman
Total		4.40900									9.966000									6.616909	
Average		0.14223	6.7	<0.10	0	0	0	0	5	0	0.321484	1	0.0	4.8	2.2	4.8	#DIV/0!	#DIV/0!	#DIV/0!	0.213449	
Minimum		0.11600	6.5	0.00	0	0	0	0	5	0	0.152000	1	0.0	1.0	2.0	3.0	0	0	0	0.162550	
Maximum		0.17900	7.0	<0.10	0	0	0	0	5	0	0.435000	1	0.0	15.0	3.0	5.0	0	0	0	0.247532	MOR 5-11-09

COMMENTS:

MARYLAND DEPARTMENT of the ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION, 1800 WASHINGTON BLVD, BALTIMORE, MD 21230

Operated By: Maryland Environmental Service
259 Najoles Road, Millersville MD

Facility: BTR Capital Group
Address: 626 Hanover Pike, Hampstead Maryland
Additional Op's & cert # - Dorrance Jones 0763, Scott Steedman 0764, Gary Dickerson 0782, Martin Whitt 0666, David Smth 9153

Permit Number: 02-DP-0022
Superintendent: Earle Villarreal
Certification # 1017

Month: June
Year: 2009

	Final Effluent outfall 001										Outfall 101						Outfall 201				
Date	Appearance	Discharge MGD	pH su	Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	BOD_5 mg/l	TSS mg/l	O&G mg/l	Flow MGD	Fecal mpn	Basin Inches	Alum Gpd	Hypochlorite Gpd	Post Cl2 mg/l	Tetrachloroethylene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Discharge mgd	Operator
1	clear	0.13600									0.363000		0.0	3.0	2.0	5.0				0.174046	djones
2	clear	0.14100	6.76	0.00							0.376000		0.0	2.0	2.0	5.0				0.212608	djones
3	clear	0.16500			< 1.00	< 1.00	< 1.00	< 2.0	8.0	< 5.0	0.407000	< 1.8	0.0	3.0	2.0	5.0				0.191931	djones
4	clear	0.15700	6.75	0.00							0.475000		0.0	5.0	2.0	5.0				0.196133	djones
5	clear	0.17000									0.333000		0.0	5.0	2.0	5.0				0.196323	djones
6	clear	0.12000									0.296000		0.0	1.0	2.0	5.0				0.179102	djones
7	clear	0.17800									0.414000		0.0	1.0	2.0	5.0				0.268849	djones
8	clear	0.13500									0.354000		0.0	1.0	2.0	5.0				0.215695	ssteedman
9	clear	0.17800	7.20	0.00							0.356000		0.0	1.0	2.0	5.0				0.226687	ssteedman
10	clear	0.16200									0.360000	< 1.8	0.0	1.0	2.0	5.0				0.217826	djones
11	clear	0.17500	8.20	0.00							0.378000		0.0	1.0	2.0	5.0				0.220970	djones
12	clear	0.14900									0.324000		0.0	2.0	2.0	5.0				0.204294	ssteedman
13	clear	0.15300									0.338000		0.0	1.0	2.0	5.0				0.223863	gdickerson
14	clear	0.15100									0.332000		0.0	1.0	2.0	5.0				0.243074	gdickerson
15	clear	0.13900									0.303000		0.0	1.0	2.0	5.0				0.213414	djones
16	clear	0.16800									0.389000		0.0	1.0	2.0	5.0				0.238460	djones
17	clear	0.13000									0.241000	< 1.8	0.0	1.0	2.0	5.0				0.198537	djones
18	clear	0.13900	6.72	0.00							0.345000		0.0	2.0	2.0	5.0				0.228227	djones
19	clear	0.15600	8.21	0.00							0.381000		0.0	5.0	2.0	5.0				0.213240	dsmith
20	clear	0.09000									0.326000		0.0	5.0	2.0	5.0				0.218594	ssteedman
21	clear	0.11000									0.339000		0.0	5.0	2.0	5.0				0.236311	ssteedman
22	clear	0.09500									0.236000		0.0	2.0	2.0	5.0				0.204412	djones
23	clear	0.09300	6.50	0.00							0.263000		0.0	3.0	2.0	5.0				0.241111	djones
24	clear	0.19400									0.315000	< 1.8	0.0	3.0	2.0	5.0				0.222656	mwhitt
25	clear	0.20600	7.35	0.00							0.427000		0.0	5.0	2.0	5.0				0.226739	mwhitt
26	clear	0.17600									0.286000		0.0	5.0	1.0	5.0				0.170823	djones
27	clear	0.20600									0.372000		0.0	5.0	2.0	5.0				0.232921	djones
28	clear	0.23100									0.403000		0.0	5.0	2.0	5.0				0.273087	djones
29	clear	0.17600									0.342000		0.0	5.0	2.0	5.0				0.234746	ssteedman
30	clear	0.20400	6.76	0.00							0.339000		0.0	5.0	2.0	5.0				0.220030	ssteedman
31	clear																				
Total		4.68300									10.413000									6.544709	
Average		0.15610	7.2	<0.10	0	0	0	0	8	0	0.347100	1	0.0	2.9	2.0	5.0	#DIV/0!	#DIV/0!	#DIV/0!	0.218157	
Minimum		0.09000	6.5	0.00	0	0	0	0	8	0	0.236000	1	0.0	1.0	1.0	5.0	0	0	0	0.170823	
Maximum		0.23100	8.2	<0.10	0	0	0	0	8	0	0.475000	1	0.0	5.0	2.0	5.0	0	0	0	0.273087	MOR 5-11-09

COMMENTS:

APPENDIX B
DISCHARGE MONITORING REPORTS

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

NAME: AG/GFI Hampstead, Inc

ADDRESS: 626 Hanover Pike

Hampstead, MD 21074

FACILITY: Black and Decker WWTP

LOCATION: 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT *(DMR)*

State Discharge Permit

02-DP-0022

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	04	01	TO	09	04	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

*** NO DISCHARGE ☐ ***

NOTE: Read Instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	15			ONE/ MONTH	GRAB
pH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	6.4	******	6.8	(12) SU	0	TWO/ WEEK	GRAB
	PERMIT REQUIREMENT	******	******		6.0	******	8.5			TWO/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	8	8	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	20	30			ONE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	21760	27100	(07) GPD	******	******	******	****	0	MEASURED	RECORD
	PERMIT REQUIREMENT	REPORT	REPORT		******	******	******			MEASURED	RECORD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	<0.1	<0.1	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	0.011	0.019			ONE/ MONTH	GRAB
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	5			ONE/ MONTH	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	5			ONE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Jim Harkins, Director MES	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410	729-8350	09	05	27
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 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT *(DMR)*

(2-16) *(17-19)*

MD0001881 — PERMIT NUMBER

001 — DISCHARGE NUMBER

State Discharge Permit
02-DP-0022

Form Approved. 12345
OMB No. 2040-0004.
Approval expires 05-31-98

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	04	01	TO	09	04	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
TRICHLOROETHENE 79141 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	5			ONE/ MONTH	GRAB
OIL AND GREASE TOTAL RECOVERABLE 70030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	0	0	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	10	15			ONE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Jim Harkins, Director MES	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410 AREA CODE	729-8350 NUMBER	09 YEAR	05 MO	27 DAY
TYPED OR PRINTED							

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

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

NAME AG/GFI Hampstead, Inc

ADDRESS 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT *(DMR)*

(2-16) *(17-19)*

MD0001881 — PERMIT NUMBER

101 — DISCHARGE NUMBER

State Discharge Permit

02-DP-0022

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	04	01	TO	09	04	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	326100	376000	(07)	******	******	******		0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	REPORT ******	REPORT ******	GPD	******	******	******	****		ONE/ MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	******	2	(30)	0	ONE/ WEEK	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	200	MPN		ONE/ 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

Jim Harkins, Director MES

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 410 — NUMBER 729-8350

DATE: YEAR 09 — MO 05 — DAY 27

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: 626 Hanover Pike

Hampstead, MD 21074

FACILITY: Black and Decker WWTP

LOCATION: 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

MD0001881 — PERMIT NUMBER

001 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	05	01	TO	09	05	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

State Discharge Permit
02-DP-0022

Form Approved. 12345
OMB No. 2040-0004.
Approval expires 05-31-98

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	UNITS	QUANTITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUANTITY OR CONCENTRATION (46-53) AVERAGE	QUANTITY OR CONCENTRATION (54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	15 ******			ONE/ MONTH	GRAB
pH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	6.5	******	7.0	(12) SU	0	TWO/ WEEK	GRAB
	PERMIT REQUIREMENT	******	******		6.0	******	8.5			TWO/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	5	5	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	20	30			ONE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	142226	179000	(07) GPD	******	******	******	****	0	MEASURED	RECORD
	PERMIT REQUIREMENT	REPORT	REPORT		******	******	******			MEASURED	RECORD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	<0.1	<0.1	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	0.011	0.019			ONE/ MONTH	GRAB
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	5			ONE/ MONTH	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	5			ONE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Jim Harkins, Director MES

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
410	729-8350	09	06	24
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 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN.

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

(2-16) MD0001881 — PERMIT NUMBER

(17-19) 001 — DISCHARGE NUMBER

State Discharge Permit
02-DP-0022

Form Approved. 12345
OMB No. 2040-0004.
Approval expires 05-31-98

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	05	01	TO	09	05	31
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* *(46-53)* QUANTITY OR LOADING *(54-61)* AVERAGE	MAXIMUM	UNITS	*(4 Card Only)* *(38-45)* QUANTITY OR CONCENTRATION *(46-53)* MINIMUM	AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
TRICHLOROETHENE 79141 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	******	5			ONE/ MONTH	GRAB
OIL AND GREASE TOTAL RECOVERABLE 70030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	0	0	(19) MG/L	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	******	******		******	10	15			ONE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Jim Harkins, Director MES	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410	729-8350	09	06	24
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: 626 Hanover Pike

Hampstead, MD 21074

FACILITY: Black and Decker WWTP

LOCATION: 626 Hanover Pike

ATTN:

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

State Discharge Permit
02-DP-0022

Form Approved. 12345
OMB No. 2040-0004.
Approval expires 05-31-98

(2-16) PERMIT NUMBER	*(17-19)* DISCHARGE NUMBER
MD0001881	101

MONITORING PERIOD

	YEAR *(20-21)*	MO *(22-23)*	DAY *(24-25)*		YEAR *(26-27)*	MO *(28-29)*	DAY *(30-31)*
FROM	09	05	01	TO	09	05	31

*** NO DISCHARGE [ ] ***
NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	321484	435000	(07) GPD	******	******	******	****	0	ONE/ MONTH	GRAB
	PERMIT REQUIREMENT	REPORT ******	REPORT ******		******	******	******			ONE/ MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	1	(30) MPN	0	ONE/ WEEK	GRAB
	PERMIT REQUIREMENT	******	******		******	******	200			ONE/ WEEK	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Jim Harkins, Director MES	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	410 AREA CODE	729-8350 NUMBER	09 YEAR	06 MO	24 DAY
TYPED OR PRINTED							

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

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

NAME: AG/GFI Hampstead, Inc

ADDRESS: 626 Hanover Pike

Hampstead, MD 21074

FACILITY: Black and Decker WWTP

LOCATION: 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT *(DMR)*

State Discharge Permit

02-DP-0022

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

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

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	09	06	01	TO	09	06	30

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	(19) MG/L	0	ONE/ MONTH	GRAB
pH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	6.5	******	8.2	(12) SU	0	TWO/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	8	8	(19) MG/L	0	ONE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	156100	231000	(07) GPD	******	******	******	****	0	MEASURED	RECORD
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	<0.1	<0.1	(19) MG/L	0	ONE/ MONTH	GRAB
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Jim Harkins, Director MES

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
410	729-8350	09	07	20
AREA CODE	NUMBER	YEAR	MO	DAY

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

Facility Name/Location if different)

NAME AG/GFI Hampstead, Inc

ADDRESS 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

State Discharge Permit

02-DP-0022

(2-16) MD0001881 PERMIT NUMBER

(17-19) 001 DISCHARGE NUMBER

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	09	06	01		09	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
TRICHLOROETHENE 79141 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	0	ug/l	0	ONE/ MONTH	GRAB
OIL AND GREASE TOTAL RECOVERABLE 70030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	0	0	(19) MG/L	0	ONE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Jim Harkins, Director MES

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 410 NUMBER 729-8350

DATE: YEAR 09 MO 07 DAY 20

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 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT *(DMR)*

(2-16) *(17-19)*

MD0001881 PERMIT NUMBER

101 DISCHARGE NUMBER

State Discharge Permit

02-DP-0022

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	06	01	TO	09	06	30
	(20-21)	*(22-23)*	*(24-25)*		*(26-27)*	*(28-29)*	*(30-31)*

*** NO DISCHARGE ☐ ***

NOTE: Read instructions before completing this form.

PARAMETER *(32-37)*		*(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	*(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM	*(46-53)* AVERAGE	*(54-61)* MAXIMUM	UNITS	NO. EX *(62-63)*	FREQUENCY OF ANALYSIS *(64-68)*	SAMPLE TYPE *(69-70)*
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	347100	475000	(07) GPD	******	******	******	****	0	ONE/ MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	******	1	(30) MPN	0	ONE/ WEEK	GRAB
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Jim Harkins, Director MES

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
410	729-8350

DATE

YEAR	MO	DAY
09	07	20

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

Facility Name/Location if different)

NAME AG/GFI Hampstead, Inc

ADDRESS 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

State Discharge Permit 02-DP-0022

Form Approved. 12345

OMB No. 2040-0004.

Approval expires 05-31-98

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

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	09	04	01	TO	09	06	30

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUANTITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	207327	273087	(07) GPD	******	******	******	****	0	MEASURED	RECORD
TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	0	0	ug/l	0	ONE/ QUARTER	GRAB
1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	0	0	ug/l	0	ONE/ QUARTER	GRAB
TRICHLOROETHENE 79141 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****	******	0	0	ug/l	0	ONE/ QUARTER	GRAB
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Jim Harkins, Director MES

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	TELEPHONE NUMBER	DATE YEAR	DATE MO	DATE DAY
410	729-8350	09	07	20

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

Quarterly Report! Outfall 201 quarterly sample's collected on 04/08/09.

EPA Form 3320-1 (Rev. 8-95)

APPENDIX C
GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS

ATLANTIC COAST
Laboratories, Incorporated

630 Churchmans Road
Newark, Delaware 19702
302-266-9121 • 454-8720 (FAX)
WWW.ATLANTICCOASTLABS.COM

REPORT OF ANALYSIS

Maryland Environmental Services (A)
259 Najoles Road
Millersville, MD 21108

Attention: Mr. Jay Janney

Order Number A09040508
Project Name: Black & Decker WTP
Receive Date: 4/8/2009
Client Code: MES_A
Project Location: Black & Decker WTP

Sample # A09040508-01 **Sample Date: 4/8/2009 9:52**

Site:
Matrix: Drinking Water
Client Sample ID: Black & Decker POE
Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
1,1,1,2-Tetrachloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1,1-Trichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1,2,2-Tetrachloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1,2-Trichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1-Dichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1-Dichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,1-Dichloropropene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,3-Trichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,3-Trichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,4-Trichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2,4-Trimethylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dibromo-3-Chloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dibromoethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dichloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,2-Dichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,3,5-Trimethylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,3-Dichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,3-Dichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
1,4-Dichlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2,2-Dichloropropane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Butanone (MEK)	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Chloroethyl vinyl ether	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Chlorotoluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
2-Hexanone	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
3-chloro-1-propene	< 1	ug/L	1	EPA 524.2	4/10/2009 7:44:00 AM	WWells
4-Chlorotoluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 4/10/2009 11:29:38 AM

RDL = Reporting Detection Limit *N/A = Not Applicable*
Laboratory Certification Numbers: *Delaware - DE00011* *Maryland - #138* *Pennsylvania - 68-335* *New Jersey - DE568*

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Laboratories, Incorporated

630 Churchmans Road
Newark, Delaware 19702
302-266-9121 ◦ 454-8720 (FAX)
WWW.ATLANTICCOASTLABS.COM

Maryland Environmental Services (A)

Order Number: A09040508

Sample # A09040508-01 **Sample Date: 4/8/2009 9:52**

Site:

Matrix: Drinking Water

Client Sample ID: Black & Decker POE

Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
4-Isopropyltoluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
4-Methyl-2-Pentanone (MIBK)	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Acetone	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Acrylonitrile	< 5	ug/L	5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Benzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromochloromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromodichloromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromoform	2.9	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Bromomethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Carbon Disulfide	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Carbon Tetrachloride	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chlorobenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chloroethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chloroform	2.6	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Chloromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
cis-1,2-Dichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
cis-1,3-Dichloropropene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Dibromochloromethane	1.4	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Dibromomethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Dichlorodifluoromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Ethyl methacrylate	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Ethylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Hexachlorobutadiene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Isopropylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
m,p-Xylene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methyl Iodide (Iodomethane)	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methyl methacrylate	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methylene Chloride	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Methyl-t-butylether	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Naphthalene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
n-Butylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
n-Propylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
o-Xylene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
sec-Butylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Styrene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 4/10/2009 11:29:38 AM

RDL = Reporting Detection Limit *N/A = Not Applicable*

Laboratory Certification Numbers: *Delaware - DE00011* *Maryland - #138* *Pennsylvania - 68-335* *New Jersey - DE568*

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WWW.ATLANTICCOASTLABS.COM

Maryland Environmental Services (A)

Order Number: A09040508

Sample # A09040508-01 **Sample Date: 4/8/2009 9:52**

Site:

Matrix: Drinking Water

Client Sample ID: Black & Decker POE

Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
tert-Butylbenzene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Tetrachloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Tetrahydrofuran (THF)	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Toluene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
tr-1,2-Dichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
tr-1,3-Dichloropropene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
tr-1,4-Dichloro-2-butene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Trichloroethene	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Trichlorofluoromethane	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Vinyl acetate	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Vinyl chloride	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells
Xylenes, Total	< 0.5	ug/L	0.5	EPA 524.2	4/10/2009 7:44:00 AM	WWells

Sample # A09040508-01A **Sample Date: 4/8/2009 9:52**

Site:

Matrix: Drinking Water

Client Sample ID: Black & Decker POEA

Sample Comments: None

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Anions, DW, Date Completed	4/8/09	Date Completed	N/A	EPA 300.0		
Nitrate as N	3.74	mg/L	0.1	EPA 300.0	4/8/2009 8:56:00 PM	AWestervelt

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 4/10/2009 11:29:38 AM

RDL = Reporting Detection Limit *N/A = Not Applicable*

Laboratory Certification Numbers: Delaware - DE00011 Maryland - #138 Pennsylvania - 68-335 New Jersey - DE568

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REPORT OF ANALYSIS

Maryland Environmental Services (A)
259 Najoles Road
Millersville, MD 21108

Attention: Mr. Jay Janney

Order Number A09050217
Project Name: Black & Decker WWTP
Receive Date: 5/6/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

Sample # A09050217-01 **Sample Date: 4/29/2009 9:00**

Site: Black & Decker 101
Client Sample ID:
Sample Comments: None

Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Fecal Coliform, MPN	<1.8	MPN/100 mL	N/A	SM 9221 E	4/29/2009 1:58:00 PM	ChesapeakeEnvironmentalLab

Approved: _____
Quality Assurance Manager

Reported: 5/27/2009 9:28:50 AM

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Laboratory Certification Numbers: Delaware - DE00011 Maryland - #138 Pennsylvania - 68-335 New Jersey - DE568

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REPORT OF ANALYSIS

Maryland Environmental Services (A)
259 Najoles Road
Millersville, MD 21108

Attention: Mr. Jay Janney

Order Number A09050290
Project Name: Black & Decker WWTP
Receive Date: 5/6/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

Sample # A09050290-01 **Sample Date: 5/6/2009 9:45**

Site: Black & Decker 001
Client Sample ID:
Sample Comments: None
Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
BOD-5	< 2	mg/L	2	SM 5210 B	5/7/2009 11:50:00 AM	Skent
Total Suspended Solids	5	mg/L	4	SM 2540D	5/11/2009 1:57:00 PM	JMcGuire

Sample # A09050290-01A **Sample Date: 5/6/2009 9:45**

Site: Black & Decker 001
Client Sample ID: A
Sample Comments: None
Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Oil and Grease (HEM)	< 5	mg/L	5	EPA 1664	5/8/2009 8:43:00 AM	Hherman

Sample # A09050290-01B **Sample Date: 5/6/2009 9:45**

Site: Black & Decker 001
Client Sample ID: B
Sample Comments: None
Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
1,1,1-Trichloroethane	< 1	ug/L	1	EPA 8260B	5/8/2009 6:45:00 AM	WWells
Tetrachloroethene	< 1	ug/L	1	EPA 8260B	5/8/2009 6:45:00 AM	WWells
Trichloroethene	< 1	ug/L	1	EPA 8260B	5/8/2009 6:45:00 AM	WWells

Approved: Warren Van Arsdell
Quality Assurance Manager

Reported: 5/21/2009 7:46:34 AM

RDL = Reporting Detection Limit *N/A = Not Applicable*
Laboratory Certification Numbers: *Delaware - DE00011* *Maryland - #138* *Pennsylvania - 68-335* *New Jersey - DE568*

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REPORT OF ANALYSIS

Maryland Environmental Services (A)
259 Najoles Road
Millersville, MD 21108

Attention: Mr. Jay Janney

Order Number A09050804
Project Name: Black & Decker WWTP
Receive Date: 5/14/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

Sample # A09050804-01 **Sample Date: 5/6/2009 9:30**

Site: Black & Decker 101
Client Sample ID:
Sample Comments: None

Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Fecal Coliform, MPN	<1.8	MPN/100 mL	N/A	SM 9221 E	5/6/2009 2:00:00 PM	ChesapeakeEnvironmentalLab

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 5/15/2009 10:28:22 AM

RDL = Reporting Detection Limit *N/A = Not Applicable*
Laboratory Certification Numbers: *Delaware - DE00011* *Maryland - #138* *Pennsylvania - 68-335* *New Jersey - DE568*

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REPORT OF ANALYSIS

Maryland Environmental Services (A)
259 Najoles Road
Millersville, MD 21108

Attention: Mr. Jay Janney

Order Number A09060271
Project Name: Black & Decker WWTP
Receive Date: 6/3/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

Sample # A09060271-01 **Sample Date: 6/3/2009 9:30**

Site: Black & Decker 001
Client Sample ID:
Sample Comments: None
Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
BOD-5	< 2	mg/L	2	SM 5210 B	6/4/2009 11:30:00 AM	Ythomas
Total Suspended Solids	8	mg/L	4	SM 2540D	6/8/2009 12:25:00 PM	JMcGuire

Sample # A09060271-01A **Sample Date: 6/3/2009 9:30**

Site: Black & Decker 001
Client Sample ID: A
Sample Comments: None
Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Oil and Grease (HEM)	< 5	mg/L	5	EPA 1664	6/5/2009 1:12:00 PM	HHerman

Sample # A09060271-01B **Sample Date: 6/3/2009 9:30**

Site: Black & Decker 001
Client Sample ID: B
Sample Comments: None
Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
1,1,1-Trichloroethane	< 1	ug/L	1	EPA 8260B	6/6/2009 6:59:00 AM	WWells
Tetrachloroethene	< 1	ug/L	1	EPA 8260B	6/6/2009 6:59:00 AM	WWells
Trichloroethene	< 1	ug/L	1	EPA 8260B	6/6/2009 6:59:00 AM	WWells

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 6/16/2009 1:33:21 PM

RDL = Reporting Detection Limit *N/A = Not Applicable*
Laboratory Certification Numbers: *Delaware - DE00011* *Maryland - #138* *Pennsylvania - 68-335* *New Jersey - DE568*

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REPORT OF ANALYSIS

Maryland Environmental Services (A)
259 Najoles Road
Millersville, MD 21108

Attention: Mr. Jay Janney

Order Number A09060796
Project Name: Black & Decker WWTP
Receive Date: 6/11/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

Sample # A09060796-01 **Sample Date: 6/3/2009 9:15**

Site: Black & Decker 101
Client Sample ID:
Sample Comments: None

Matrix: Waste Water

Test	Result	Units	RDL	Method	Analysis Date	Analyst
Fecal Coliform, MPN	<1.8	MPN/100 mL	N/A	SM 9221 E	6/3/2009 3:08:00 PM	ChesapeakeEnvironmentalLab

Approved: Warren Van Cordell
Quality Assurance Manager

Reported: 6/15/2009 9:36:17 AM

RDL = Reporting Detection Limit N/A = Not Applicable
Laboratory Certification Numbers: Delaware - DE00011 Maryland - #138 Pennsylvania - 68-335 New Jersey - DE568

APPENDIX D
GROUNDWATER ANALYTICAL DATA PACKAGE (MAY 2009)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 500-19093-1

Job Description: Black and Decker

For:
Weston Solutions, Inc.
1400 Weston Way
PO BOX 2653
West Chester, PA 19380

Attention: Mr. Tom Cornuet

Approved for release.
Richard C Wright
Project Manager II
6/4/2009 1:44 PM

Richard C Wright
Project Manager II
richard.wright@testamericainc.com
06/04/2009

cc: Greg Flasinski

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted due to the abundance of target analytes: EW-4 (500-19093-4), RFW-12B (500-19093-23). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-19093-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-19093-1	**EW-2**				
cis-1,2-Dichloroethene		3.2	1.0	ug/L	8260B
Trichloroethene		400	10	ug/L	8260B
Tetrachloroethene		69	1.0	ug/L	8260B
500-19093-2	**EW-3**				
cis-1,2-Dichloroethene		2.9	1.0	ug/L	8260B
Trichloroethene		180	10	ug/L	8260B
Tetrachloroethene		4.9	1.0	ug/L	8260B
500-19093-3FD	**EW-3 DUP**				
cis-1,2-Dichloroethene		2.7	1.0	ug/L	8260B
Trichloroethene		190	10	ug/L	8260B
Tetrachloroethene		5.1	1.0	ug/L	8260B
500-19093-4	**EW-4**				
Trichloroethene		980	20	ug/L	8260B
Tetrachloroethene		22	5.0	ug/L	8260B
500-19093-5	**EW-5**				
Chloromethane		1.8	1.0	ug/L	8260B
Trichloroethene		210	10	ug/L	8260B
Tetrachloroethene		11	1.0	ug/L	8260B
500-19093-6	**EW-6**				
Chloromethane		1.3	1.0	ug/L	8260B
Trichloroethene		12	1.0	ug/L	8260B
Tetrachloroethene		22	1.0	ug/L	8260B
500-19093-7	**EW-7**				
cis-1,2-Dichloroethene		6.0	1.0	ug/L	8260B
Trichloroethene		5.2	1.0	ug/L	8260B
Tetrachloroethene		12	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-19093-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-19093-8	**EW-8**				
cis-1,2-Dichloroethene		24	1.0	ug/L	8260B
Trichloroethene		11	1.0	ug/L	8260B
Tetrachloroethene		74	1.0	ug/L	8260B
500-19093-9	**EW-9**				
Chloromethane		1.1	1.0	ug/L	8260B
Trichloroethene		1.2	1.0	ug/L	8260B
Tetrachloroethene		140	10	ug/L	8260B
500-19093-10	**EW-10**				
Chloromethane		2.5	1.0	ug/L	8260B
Tetrachloroethene		1.3	1.0	ug/L	8260B
500-19093-11	**RFW-1A**				
Chloromethane		1.2	1.0	ug/L	8260B
500-19093-13	**RFW-2A**				
Trichloroethene		1.4	1.0	ug/L	8260B
500-19093-14	**RFW-2B**				
Trichloroethene		2.0	1.0	ug/L	8260B
500-19093-15	**RFW-3B**				
cis-1,2-Dichloroethene		4.1	1.0	ug/L	8260B
Trichloroethene		1.2	1.0	ug/L	8260B
Tetrachloroethene		2.0	1.0	ug/L	8260B
500-19093-16	**RFW-4A**				
Chloroform		1.0	1.0	ug/L	8260B
Trichloroethene		27	1.0	ug/L	8260B
Tetrachloroethene		19	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-19093-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-19093-17FD	**RFW-4A DUP**				
Chloromethane		1.2	1.0	ug/L	8260B
Chloroform		1.3	1.0	ug/L	8260B
Trichloroethene		32	1.0	ug/L	8260B
Tetrachloroethene		20	1.0	ug/L	8260B
500-19093-18	**RFW-4B**				
Chloromethane		1.3	1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.9	1.0	ug/L	8260B
Trichloroethene		25	1.0	ug/L	8260B
Tetrachloroethene		46	1.0	ug/L	8260B
500-19093-19	**RFW-6**				
Trichloroethene		3.6	1.0	ug/L	8260B
Tetrachloroethene		3.2	1.0	ug/L	8260B
500-19093-20	**RFW-7**				
Trichloroethene		3.9	1.0	ug/L	8260B
500-19093-21	**RFW-9**				
1,1-Dichloroethene		1.3	1.0	ug/L	8260B
cis-1,2-Dichloroethene		13	1.0	ug/L	8260B
1,1,1-Trichloroethane		1.4	1.0	ug/L	8260B
Trichloroethene		18	1.0	ug/L	8260B
Tetrachloroethene		6.9	1.0	ug/L	8260B
500-19093-22	**RFW-11B**				
Trichloroethene		12	1.0	ug/L	8260B
500-19093-23	**RFW-12B**				
cis-1,2-Dichloroethene		3.2	2.0	ug/L	8260B
Trichloroethene		640	10	ug/L	8260B
Tetrachloroethene		54	2.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-19093-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-19093-24	**RFW-13**				
cis-1,2-Dichloroethene		1.1	1.0	ug/L	8260B
Trichloroethene		4.0	1.0	ug/L	8260B
Tetrachloroethene		21	1.0	ug/L	8260B

METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-19093-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
VOC	TAL CHI	SW846 8260B	
Purge and Trap	TAL CHI		SW846 5030B

Lab References:

TAL CHI = TestAmerica Chicago

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Weston Solutions, Inc. Job Number: 500-19093-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-19093-1	EW-2	Water	05/20/2009 1620	05/23/2009 0925
500-19093-2	EW-3	Water	05/21/2009 1150	05/23/2009 0925
500-19093-3FD	EW-3 DUP	Water	05/21/2009 1150	05/23/2009 0925
500-19093-4	EW-4	Water	05/21/2009 1130	05/23/2009 0925
500-19093-5	EW-5	Water	05/20/2009 1045	05/23/2009 0925
500-19093-6	EW-6	Water	05/20/2009 1530	05/23/2009 0925
500-19093-7	EW-7	Water	05/20/2009 1535	05/23/2009 0925
500-19093-8	EW-8	Water	05/20/2009 1435	05/23/2009 0925
500-19093-9	EW-9	Water	05/20/2009 1445	05/23/2009 0925
500-19093-10	EW-10	Water	05/20/2009 1450	05/23/2009 0925
500-19093-11	RFW-1A	Water	05/20/2009 1010	05/23/2009 0925
500-19093-12	RFW-1B	Water	05/20/2009 1700	05/23/2009 0925
500-19093-13	RFW-2A	Water	05/20/2009 0905	05/23/2009 0925
500-19093-14	RFW-2B	Water	05/20/2009 0935	05/23/2009 0925
500-19093-15	RFW-3B	Water	05/21/2009 0800	05/23/2009 0925
500-19093-16	RFW-4A	Water	05/21/2009 1025	05/23/2009 0925
500-19093-17FD	RFW-4A DUP	Water	05/21/2009 1025	05/23/2009 0925
500-19093-18	RFW-4B	Water	05/21/2009 1055	05/23/2009 0925
500-19093-19	RFW-6	Water	05/21/2009 0800	05/23/2009 0925
500-19093-20	RFW-7	Water	05/20/2009 1353	05/23/2009 0925
500-19093-21	RFW-9	Water	05/21/2009 1310	05/23/2009 0925
500-19093-22	RFW-11B	Water	05/21/2009 1210	05/23/2009 0925
500-19093-23	RFW-12B	Water	05/21/2009 1010	05/23/2009 0925
500-19093-24	RFW-13	Water	05/20/2009 1600	05/23/2009 0925
500-19093-25	RFW-17	Water	05/20/2009 1415	05/23/2009 0925
500-19093-26TB	TRIP BLANK	Water	05/20/2009 0800	05/23/2009 0925

SAMPLE RESULTS