

**Quarterly Groundwater Monitoring Report**

Prepared for

**Black & Decker (U.S.) Inc.**

Hampstead, Maryland

October 2006

Prepared by

**WESTON SOLUTIONS, INC.**

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## 1. INTRODUCTION

This Groundwater Monitoring Report has been prepared to meet the requirements of Condition IV.G of the Administrative Consent Order between the State of Maryland Department of the Environment (MDE) and Black & Decker (U.S.) Inc. (April 1995) (Consent Order). Specifically, Condition IV.G calls for preparation of a Groundwater Monitoring Report containing the following information for each reporting period:

- The quantities of groundwater pumped, treated, and discharged.
- The calculation of quantities of contaminants removed from groundwater.
- A summary of all sampling analyses.
- An explanation of all operational or other problems encountered, and the manner in which each problem was resolved.
- Copies of all reports submitted to the Department of Natural Resources in conjunction with the Groundwater Appropriations Permit.
- Recommendations for changes to the Interim Groundwater Treatment System.

This document is one of several which are being prepared in response to the Consent Order; each of these documents are to be submitted to the MDE in accordance with the schedule outlined in the Consent Order. This document will become part of the Administrative Record for the site, which is maintained at the Hampstead Public Library.

## **2. SITE CHARACTERISTICS**

### **2.1 HYDRAULIC PROPERTIES**

In accordance with the Consent Order and the Water Appropriation Permit issued to the Black and Decker (U.S.) Inc. Hampstead, Maryland, facility, the following pumping and water level information is included for the period of July through September 2006.

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

Monthly water levels for wells included in the water level monitoring plan are presented in Table 2-2. For the reporting period of July through September 2006, the extraction wells were pumping at an average combined rate of approximately 160 gallons per minute (gpm).

### **2.2 EFFLUENT CHARACTERISTICS**

Effluent characteristics of the NPDES discharge points are recorded monthly on Discharge Monitoring Reports (DMRs) and are submitted to MDE, Water Management Administration, on a quarterly basis. A summary of the sample results from the DMRs is presented in Table 2-3. DMRs for the period of July through September 2006 are included in Appendix B.

### **2.3 GROUNDWATER QUALITY DATA**

For the reporting period of July through September 2006, approximately 33 pounds of total volatile organic compounds (VOCs) were removed from the groundwater by the extraction and treatment system. In general, the total VOCs removed from the groundwater were comprised primarily of trichloroethene (TCE) (65 %) and tetrachloroethene (PCE) (35 %). Analytical results of the groundwater collected at the inlet to the air stripper for the period of July through September 2006 are included in Appendix C.

A summary of the analytical results from the third quarter (August 2006) groundwater sampling round of the extraction and monitor wells is included in Table 2-4. The complete

**Table 2-1**  
**Treatment System Pumping Records - 3rd Quarter 2006**  
**Black & Decker**  
**Hampstead, Maryland**

<b>Date</b>	<b>Water Pumped (gallons)</b>
July 2006	6,719,488
August 2006	6,287,027
September 2006	6,261,273

**Table 2-2**  
**Groundwater Elevation Data - 3rd Quarter 2006**  
**Black & Decker**  
**Hampstead, Maryland**

WELL NO.	TOC ELEV.	TOTAL DEPTH	7/19/2006		8/16/2006		9/22/2006	
			DTW	ELEV	DTW	ELEV	DTW	ELEV
EW-1	847.21	55	DRY	NA	DRY	NA	DRY	NA
EW-2	849.21	110	86.36	762.85	93.68	755.53	92.88	756.33
EW-3	846.64	118	101.60	745.04	100.30	746.34	81.11	765.53
EW-4	858.01	97.5	NA	NA	NA	NA	NA	NA
EW-5	864.17	98	76.31	787.86	70.65	793.52	68.88	795.29
EW-6	831.98	115	83.20	748.78	101.25	730.73	100.42	731.56
EW-7	818.38	78	44.71	773.67	44.37	774.01	44.91	773.47
EW-8	811.13	98	49.92	761.21	43.73	767.40	45.60	765.53
EW-9	811.35	141	102.00	709.35	98.80	712.55	100.99	710.36
EW-10	807.74	NA	42.60	765.14	50.27	757.47	51.47	756.27
RFW-1A	864.37	78	50.17	814.20	49.90	814.47	50.61	813.76
RFW-1B	864.23	200	50.24	813.99	49.92	814.31	50.64	813.59
RFW-2A	857.41	35	15.03	842.38	17.22	840.19	15.83	841.58
RFW-2B	857.73	75	15.26	842.47	17.83	839.90	16.40	841.33
RFW-3B	839.21	153	31.79	807.42	33.05	806.16	33.63	805.58
RFW-4A	830.37	62	38.28	792.09	38.74	791.63	37.64	792.73
RFW-4B	830.37	120	38.46	791.91	38.67	791.70	37.57	792.80
RFW-5A	817.50	30	DRY	NA	DRY	NA	DRY	NA
RFW-6	785.04	120	3.61	781.43	4.94	780.10	4.88	780.16
RFW-7	805.14	29	7.86	797.28	7.83	797.31	8.19	796.95
RFW-8	860.07	56	DRY	NA	DRY	NA	DRY	NA
RFW-9	862.02	49	27.11	834.91	27.71	834.31	26.84	835.18
RFW-10	852.06	58	DRY	NA	DRY	NA	DRY	NA
RFW-11A	849.32	72	NA	NA	NA	NA	NA	NA
RFW-11B	849.62	116	71.04	778.58	69.71	779.91	70.05	779.57
RFW-12B	844.87	264	52.61	792.26	51.88	792.99	52.17	792.70
RFW-13	849.11	150	62.73	786.38	62.39	786.72	62.61	786.50
RFW-14B	812.39	281	49.11	763.28	48.78	763.61	47.82	764.57
RFW-16	856.14	41	DRY	NA	DRY	NA	DRY	NA
RFW-17	834.66	60.5	27.57	807.09	29.08	805.58	29.41	805.25
RFW-20	842.49	142	35.06	807.43	35.75	806.74	36.34	806.15
RFW-21	832.65	102	21.70	810.95	23.02	809.63	22.73	809.92
PH-7	805.94	89	31.28	774.66	28.20	777.74	28.11	777.83
PH-9	814.94	98	32.84	782.10	38.22	776.72	38.13	776.81
PH-11	820.68	78	42.51	778.17	44.27	776.41	44.90	775.78
PH-12	828.35	87	42.70	785.65	47.81	780.54	47.47	780.88
B-3	803.02	83	NA	NA	NA	NA	NA	NA
Amoco	842.29	NA	NA	NA	NA	NA	NA	NA
Hamp. Town #22	804.96	NA	29.13	775.83	31.26	773.70	26.43	778.53
Pembroke #1	NA	NA	12.14	NA	11.88	NA	12.61	NA
Pembroke #2	NA	NA	NA	NA	NA	NA	NA	NA
N. Houcks. Rd.	NA	NA	9.47	NA	9.56	NA	9.06	NA
E. Century St.	NA	NA	23.41	NA	20.89	NA	21.11	NA
Lwr. Beckleys. Rd.	NA	NA	55.61	NA	56.22	NA	55.89	NA

NA - Not Available/Not Accessible

**Table 2-3**  
**Effluent Characteristics Summary - 1st Quarter 2006**  
**Black & Decker**  
**Hampstead, Maryland**

Discharge Number	Parameter	Units	Permit Limits	DMR DATE			
				July 2006	August 2006	September 2006	
001	FLOW	average	MGD	NA	0.161	0.065	0.271
		maximum	MGD	NA	0.234	0.095	0.901
	1,1,1-Trichloroethane	ug/l	5	< 5	< 5	< 5	
	Tetrachloroethylene	ug/l	5	< 5	< 5	< 5	
	Trichloroethylene	ug/l	5	< 5	< 5	< 5	
	Total Residual Chlorine	mg/l	< 0.1	< 0.1	< 0.1	< 0.1	
	Oil & Grease	maximum	mg/l	15	< 5	< 5	< 5
		quarterly average	mg/l	10	NR	NR	< 5
	pH	minimum	STD	6.0	6.00	6.20	6.10
		maximum	STD	8.5	6.80	6.60	6.70
BOD		mg/l	15	3.8	2.7	< 2	
TSS	maximum	mg/l	30	3.5	< 2.5	9.0	
	quarterly average	mg/l	20	NR	NR	5.0	
101 (Monitoring Point)	FLOW	average	MGD	NA	0.235	0.232	0.340
		maximum	MGD	NA	0.266	0.246	0.381
	Fecal Coliform	MPN/100ml	200	< 2	< 2	< 2	
201 (Monitoring Point)	FLOW	average	MGD	NA	0.217	0.203	0.209
		maximum	MGD	NA	0.253	0.234	0.246
	1,1,1-Trichloroethane	ug/l	NA	< 5	< 5	< 5	
	Tetrachloroethylene	ug/l	NA	< 5	< 5	< 5	
	Trichloroethylene	ug/l	NA	< 5	< 5	< 5	

DMR - Discharge Monitoring Report

NA - Not Applicable

NR - Not Reported



Table 2-4  
 Summary of Groundwater Analytical Results - August 2006  
 Black & Decker  
 Hampstead, Maryland

PARAMETER	Units	EW-1	EW-2	EW-3	EW-3 (DUP)	EW-4	EW-5	EW-6	EW-7	EW-8	EW-9	EW-10
Chloromethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	ug/L	NS	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	10 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	2 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	2 U	1 U	1 U	0.94 J	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	2.6	1.9	2	2 U	1 U	1 U	8.6	20	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	10 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	2 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	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	460	160	160	770	250	12	7.3	11	1.3	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	2 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	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	2 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	10 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	52	4.2	4.3	18	12	25	13	65	160	5
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	2 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 2006  
 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	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	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	7.5	1	4.3	4.7	NS	1.2	1 U	NS	6.3	NS
Chloroform	ug/L	1 U	1 U	1 U	1 U	1 U	0.93 J	1 U	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 U	6.3	43	13	6.3	NS	8.1	6.7	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	5 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	5	49	43	30	NS	5.2	1 U	NS	2.9	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

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 2006**  
**Black & Decker**  
**Hampstead, Maryland**

PARAMETER	Units	RFW-11A	RFW-11B	RFW-12B	RFW-13	RFW-16	RFW-17	RFW-20	RFW-21	Town #22	Town #23	Leister Dairy	Leister Res. #1	Leister Res. #2	Trip Blank
Chloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Bromomethane	ug/L	NS	1 U	1 U	1 U	NS	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	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Chloroethane	ug/L	NS	1 U	1 U	1 U	NS	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	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Acetone	ug/L	NS	5 U	5 U	5 U	NS	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
Carbon Disulfide	ug/L	NS	5 U	5 U	5 U	NS	5 U	NA	NA	NA	NA	5 U	5 U	5 U	5 U
1,1-Dichloroethene	ug/L	NS	1 U	0.76 J	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	ug/L	NS	1 U	6.4	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Chloroform	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
2-Butanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Trichloroethene	ug/L	NS	19	320	15	NS	1 U	1.4	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Benzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Bromoform	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
2-Hexanone	ug/L	NS	5 U	5 U	5 U	NS	5 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U
Tetrachloroethene	ug/L	NS	1 U	27	46	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Toluene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Styrene	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Xylene (total)	ug/L	NS	1 U	1 U	1 U	NS	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 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.

NS = Not sampled

U = Compound was analyzed but not detected.

analytical data package is included in Appendix D.

As found in earlier sampling events at the Black & Decker facility, TCE and PCE were the VOCs detected at the highest concentrations in the groundwater samples. The highest concentration of TCE was detected in the groundwater samples collected from wells RFW-12B and EW-4 and the highest concentration of PCE was detected in the groundwater sample collected from well EW-9. The remainder of VOCs present were detected at levels below the Federal Maximum Contaminant Levels (MCL).

### 3. OPERATION AND MAINTENANCE OF THE TREATMENT SYSTEM

A summary of the maintenance activities which were undertaken with the extraction and treatment system during the reporting period (July through September 2006) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate or other routine activities).

**Table 3-1**  
**Treatment System Maintenance Activities - 3rd Quarter 2006**  
**Black & Decker**  
**Hampstead, Maryland**

Date	Event/Corrective Action
August 2006	EW-10 went down. The pump motor was burned out . A new pump and motor were installed. The well was down for 7 days. The well is back online.

#### 4. RECOMMENDATIONS

For the reporting period of July through September 2006, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

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**APPENDIX A**  
**GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS**  
**(JULY - SEPTEMBER 2006)**

---



MONTH / YEAR

July 2006

BLACK & DECKER  
AIR STRIPPER # 2  
OPERATING RECORD

PAST MONTH READING

118373248

Date	Day	Time	Inleg. Reading	GPD	Pump # 11	Pump # 12
1	S	1056	118 587 213	238612	30291	30305
2	S	1230	118 825 825	202087	30291	30335
3	M	1200	119 027 912	191 149	30291	30357
4	T	900	119 219 061	253 081	30291	30378
5	W	1255	119472142	227509	30291	30407
6	T	1350	119699651	206027	30316	30407
7	F	1225	119905678	↑	30338	30407
8						
9				671821		
10	M	1410	120577499	205030	30412	30407
11	T	1240	120782529	230663	30412	30429
12	W	1405	121013192	206126	30412	30454
13	T	1250	121219318	208780	30412	30477
14	F	1155	121428098	↑	30412	30500
15						
16				657430		
17	M	1230	122085528	226342	30412	30573
18	T	1330	122311870	216904	30437	30573
19	W	1330	122528774	196976	30461	30573
20	T	1120	122725750	207778	30483	30573
21	F	1020	122933528	↑	30506	30573
22						
23				667808		
24	M	1220	123601336	216407	30580	30573
25	T	1225	123817743	229055	30604	30573
26	W	1350	124046798	207194	30604	30598
27	T	1250	124253992	195730	30604	30621
28	F	1040	124449722	↑	30604	30643
29						
30				656846		
31	M	1155	125106568	200133	30604	30716
Total				4719488		
Average				216758		

NEXT MONTH READING 125306701

DATE 7-31-06

MONTH / YEAR

Aug. 2006

BLACK & DECKER  
AIR STRIPPER # 2  
OPERATING RECORD

PAST MONTH READING

125106568

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	T	1820	125306701	233680	30626	30716
2	W	1215	125540381	219589	30652	30716
3	T	1300	125759970	206514	30697	30716
4	F	1210	125966484	↑	30700	30716
5						
6				640620		
7	M	1215	126607104	206441	30772	30716
8	T	1130	126813545	221856	30772	30740
9	W	1225	127035401	227341	30772	30765
10	T	1405	127262742	217537	30772	30790
11	F	1430	127480279	↑	30772	30815
12						
13				579992		
14	M	1230	128060271	210048	30772	30885
15	T	1210	128270319	228676	30772	30908
16	W	1405	128498995	* 104792	30798	30908
17	T	1315	128603787	176533	30821	30908
18	F	1250	128780320	↑	30845	30908
19						
20				536907		
21	M	1245	129317227	179503	30917	30908
22	T	1250	129496730	172880	30917	30932
23	W	1135	129669610	220957	30917	30955
24	T	1225	129890567	210133	30917	30980
25	F	1205	130100700	↑	30917	31004
26						
27				618644		
28	M	0950	130719344	230681	30917	31073
29	T	1155	130950025	213144	30943	31073
30	W	1220	131163169	212841	30967	31073
31	T	1220	131376010	217615	30993	31073
Total				6287027		
Average				202807		

8/16 Weston head # 7 & 8 off overnight. Also # 10 west down. 8/17 # 10 remains off. 8/23

NEXT MONTH READING 131593625

DATE 9-1-06

MONTH / YEAR

Sept. 2006

BLACK & DECKER  
AIR STRIPPER # 2  
OPERATING RECORD

PAST MONTH READING

131376010

Date	Day	Time	Integ. Reading	GPD	Pump # 11	Pump # 12
1	F	1245	131593625	↑	31016	31073
2				↑		
3						
4	M			856740		
5	T	1365	132450365	192818	31113	31073
6	W	1150	132643183	206316	31113	31095
7	T	1120	132849499	199764	31113	31119
8	F	1000	133049263	↑	31113	31142
9				↑		
10				657175		
11	M	1245	133706438	204354	31113	31216
12	T	1205	133910794	176611	31136	31216
13	W	0820	1341087405	207901	31156	31216
14	T	0810	134295306	<del>245658</del>	31180	31216
15	F	1220	134540964	↑	31208	31216
16				↑		
17				620190		
18	M	1130	135161154	225512	31279	31216
19	T	1325	135386666	198235	31279	31242
20	W	1210	135584901	217487	31279	31265
21	T	1305	135802388	197143	31279	31290
22	F	1145	135999531	↑	31279	31313
23				↑		
24				640136		
25	M	1330	136639667	202008	31279	31386
26	T	1250	136841675	201824	31303	31386
27	W	1215	137043499	198143	31336	31386
28	T	1115	137241642	215591	31349	31386
29	F	1215	137457233	↑	31374	31386
30	S			397665		
Total				6,261,273		
Average				208709		

NEXT MONTH READING 137854898

DATE 10/2/06

---

**APPENDIX B  
DISCHARGE MONITORING REPORTS  
(JULY - SEPTEMBER 2006)**

---

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

NAME: **BTR CAPITAL GROUP**  
 ADDRESS: **555 13th Street, NW**  
**Suite 420E**  
**Washington, DC 20004**  
 FACILITY: **Hampstead, Maryland 21074**  
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No.2040-0004

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

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2006	07	01	06	07	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.161	0.234	MGD					0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							Measured/Recorded	
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5			1/MONTH GRAB	
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5			1/MONTH GRAB	
TRICHLOROETHYLENE	SAMPLE MEASUREMENT						<5	ppb	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						5			1/MONTH GRAB	
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT						<0.1	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						0.011	0.019		1/MONTH GRAB	
OIL & GREASE	SAMPLE MEASUREMENT						<5	mg/l	0	1/MONTH GRAB	
	PERMIT REQUIREMENT						10	<5		1/MONTH GRAB	
pH	SAMPLE MEASUREMENT				6.00		6.80		0	2/WEEK GRAB	
	PERMIT REQUIREMENT				6.00		8.50	STD		2/WEEK GRAB	

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
**Principal**

TYPED OR PRINTED

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

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

TELEPHONE

410-374-9025

AREA CODE-NUMBER

DATE

06 | 08 | 03

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

Averages for TSS and Oil & Grease are reported quarterly.

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

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

PAGE 1 OF 2

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

NAME: **BTR CAPITAL GROUP**  
 ADDRESS: **555 13th Street., NW**  
**Suite 420E**  
**Washington, DC 20004**  
 FACILITY: **Hampstead, Maryland 21074**  
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881**      **001**  
 PERMIT NUMBER      DISCHARGE NUMBER

(2-18)

(17-19)

MONITORING PERIOD

FROM 

YEAR	MO	DAY
2006	07	01

 TO 

YEAR	MO	DAY
06	07	31

(20-21)

(22-23)

(24-25)

(26-27)

(28-29)

(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (46-47)	AVERAGE (48-49)	MAXIMUM (50-51)				UNITS (52-53)
BOD	SAMPLE MEASUREMENT						3.8		0	1/MONTH	GRAB
	PERMIT REQUIREMENT						15	mg/l		1/MONTH	GRAB
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT						3.5		0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30	mg/l		1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
Principal

TYPED OR PRINTED

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

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

TELEPHONE: 410-374-9025  
 DATE: 06 | 08 | 03  
 AREA CODE-NUMBER:      YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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

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

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**Suite 420E**  
**Washington, DC 20004**  
 FACILITY: **Hampstead, Maryland 21074**  
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881**      **101**  
 PERMIT NUMBER      DISCHARGE NUMBER  
 (2-16)      (17-18)

FORM APPROVED  
 OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2006	07	01	06	07	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.235	0.266	MGD				0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2	MPN/100ml	0	1/WEEK GRAB	
	PERMIT REQUIREMENT					200			1/WEEK GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
**Principal**

TYPED OR PRINTED

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

TELEPHONE      DATE  
 410-374-9025      06 | 08 | 03  
 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: **BTR CAPITAL GROUP**  
 ADDRESS: **555 13th Street., NW**  
**Suite 420E**  
**Washington, DC 20004**

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

<b>MD0001881</b>	<b>201</b>
PERMIT NUMBER	DISCHARGE NUMBER
(2-16)	(17-19)

FORM APPROVED  
OMB No.2040-0004

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2006	07	01		06	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
<b>FLOW</b>		<b>0.217</b>	<b>0.253</b>	<b>MGD</b>				<b>0</b>	<b>Cont Measure/Record</b>	
	PERMIT REQUIREMENT	<b>NO LIMIT</b>	<b>NO LIMIT</b>						<b>Cont Measure/Record</b>	
<b>1,1,1-TRICHLOROETHANE</b>	SAMPLE MEASUREMENT						<b>&lt;5</b>	<b>ppb</b>	<b>0</b>	<b>1/MONTH GRAB</b>
	PERMIT REQUIREMENT						<b>N/A</b>		<b>1/MONTH</b>	<b>GRAB</b>
<b>TETRACHLOROETHYLENE</b>	SAMPLE MEASUREMENT						<b>&lt;5</b>	<b>ppb</b>	<b>0</b>	<b>1/MONTH GRAB</b>
	PERMIT REQUIREMENT						<b>N/A</b>		<b>1/MONTH</b>	<b>GRAB</b>
<b>TRICHLOROETHYLENE</b>	SAMPLE MEASUREMENT						<b>&lt;5</b>	<b>ppb</b>	<b>0</b>	<b>1/MONTH GRAB</b>
	PERMIT REQUIREMENT						<b>N/A</b>		<b>1/MONTH</b>	<b>GRAB</b>
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
**Principal**

TYPED OR PRINTED

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*Emil Wedder*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

AREA CODE-NUMBER

DATE

06 | 08 | 03

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)



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

NAME: **BTR CAPITAL GROUP**  
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**Suite 420E**  
 Washington, DC 20004

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

FORM APPROVED  
 OMB No.2040-0004

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
2006	08	01	06	08	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.065	0.095	MGD				0	Measured/Recorded	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT							
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					5			1/MONTH	GRAB
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					0.011	0.019		1/MONTH	GRAB
OIL & GREASE	SAMPLE MEASUREMENT					<5	mg/l	0	1/MONTH	GRAB
	PERMIT REQUIREMENT					10	<5		1/MONTH	GRAB
pH	SAMPLE MEASUREMENT				6.20			0	2/WEEK	GRAB
	PERMIT REQUIREMENT				6.00		8.50		2/WEEK	GRAB

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
 Principal

TYPED OR PRINTED

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

*Earl Wedder*

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
410-374-9025	06   09   05
AREA CODE-NUMBER	YEAR   MO   DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

Averages for TSS and Oil & Grease are reported quarterly.

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

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

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

NAME: **BTR CAPITAL GROUP**  
 ADDRESS: **555 13th Street., NW**  
**Suite 420E**  
**Washington, DC 20004**

FACILITY: **Hampstead, Maryland 21074**

LOCATION: **CARROLL COUNTY**

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

**MD0001881**  
 PERMIT NUMBER

**001**  
 DISCHARGE NUMBER

FORM APPROVED  
 OMB No.2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2006	08	01	06	08	31

FROM (20-21) (22-23) (24-25) TO (26-27) (28-28) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM					
BOD	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT							2.7		0	1/MONTH	GRAB
	PERMIT REQUIREMENT							15	mg/l		1/MONTH	GRAB
	SAMPLE MEASUREMENT							<2.5		0	1/MONTH	GRAB
	PERMIT REQUIREMENT							20	30	mg/l	1/MONTH	GRAB
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
 Principal

TYPED OR PRINTED

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*Emil Weddler*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

410-374-9025

DATE

06 | 09 | 05

AREA CODE-NUMBER

YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

Averages for TSS and Oil & Grease are reported quarterly.

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

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

NAME: **BTR CAPITAL GROUP**  
 ADDRESS: **555 13th Street., NW**  
**Suite 420E**  
**Washington, DC 20004**  
 FACILITY: **Hampstead, Maryland 21074**  
 LOCATION: **CARROLL COUNTY**

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

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

FORM APPROVED  
 OMB No.2040-0004

**MONITORING PERIOD**  
 FROM YEAR MO DAY TO YEAR MO DAY  
**2006 08 01 06 08 31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.232	0.246	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
FECAL COLIFORM	SAMPLE MEASUREMENT						<2	MPN/ 100ml	0	1WEEK	GRAB
	PERMIT REQUIREMENT						200				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

**Michael A. Clark**  
 Principal

TYPED OR PRINTED

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*Earl Weddle*

SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE

410-374-9025

06 | 09 | 05

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: **BTR CAPITAL GROUP**  
 ADDRESS: **555 13th Street, NW**  
**Suite 420E**  
**Washington, DC 20004**  
 FACILITY: **Hampstead, Maryland 21074**  
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MD0001881  
 PERMIT NUMBER

201  
 DISCHARGE NUMBER

FORM APPROVED  
 OMB No. 2040-0004

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2006	08	01		06	08	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW		0.203	0.234	MGD					0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT							<5	ppb	0	1/MONTH GRAB
	PERMIT REQUIREMENT							N/A			1/MONTH GRAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT							<5	ppb	0	1/MONTH GRAB
	PERMIT REQUIREMENT							N/A			1/MONTH GRAB
TRICHLOROETHYLENE	SAMPLE MEASUREMENT							<5	ppb	0	1/MONTH GRAB
	PERMIT REQUIREMENT							N/A			1/MONTH GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME / TITLE PRINCIPAL EXECUTIVE OFFICER

Michael A. Clark  
 Principal

TYPED OR PRINTED

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*Earl Weddle*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
410-374-9025	06   09   05
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: **BTR CAPITAL GROUP**  
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**Washington, DC 20004**  
 FACILITY: **Hampstead, Maryland 21074**  
 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

**MD0001881** **001**  
 PERMIT NUMBER DISCHARGE NUMBER

FORM APPROVED  
 OMB No.2040-0004

MONITORING PERIOD

FROM 

YEAR	MO	DAY
2006	09	01

 TO 

YEAR	MO	DAY
06	09	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only (48-53) (54-61))			QUALITY OR CONCENTRATION (4 Card Only (38-45) (48-53) (54-61))			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
FLOW	SAMPLE MEASUREMENT	0.271	0.901	MGD				0	Measured/Recorded		
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						Measured/Recorded		
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5		0	1/MONTH GRAB		
	PERMIT REQUIREMENT					5			1/MONTH GRAB		
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5		0	1/MONTH GRAB		
	PERMIT REQUIREMENT					5			1/MONTH GRAB		
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5		0	1/MONTH GRAB		
	PERMIT REQUIREMENT					5			1/MONTH GRAB		
TOTAL RESIDUAL CHLORINE	SAMPLE MEASUREMENT					<0.1		0	1/MONTH GRAB		
	PERMIT REQUIREMENT					0.011	0.019		1/MONTH GRAB		
OIL & GREASE	SAMPLE MEASUREMENT					<5	<5	0	1/MONTH GRAB		
	PERMIT REQUIREMENT					10	<5		1/MONTH GRAB		
pH	SAMPLE MEASUREMENT				6.10		6.70	0	2/WEEK GRAB		
	PERMIT REQUIREMENT				6.00		8.50		2/WEEK GRAB		
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE		DATE	
Michael A. Clark Principal		<i>Earl Weddole</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						410-374-9025		06   10   03	
TYPED OR PRINTED								AREA CODE-NUMBER		YEAR   MO   DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

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PAGE 1 OF 2

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 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT (DMR)**

FORM APPROVED  
 OMB No. 2040-0004

**MD0001881**  
 PERMIT NUMBER  
 (2-18)

**001**  
 DISCHARGE NUMBER  
 (17-19)

**MONITORING PERIOD**

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2006	09	01		06	09	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
<b>BOD</b>	SAMPLE MEASUREMENT								0	1/MONTH	GRAB
	PERMIT REQUIREMENT									1/MONTH	GRAB
<b>TOTAL SUSPENDED SOLIDS</b>	SAMPLE MEASUREMENT					5.0	9.0		0	1/MONTH	GRAB
	PERMIT REQUIREMENT					20	30			1/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE	DATE		
<b>Michael A. Clark</b> <b>Principal</b>		<i>Earl Weddler</i>						410-374-9025	06   10   03		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE-NUMBER	YEAR   MO   DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS

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 Suite 420E  
 Washington, DC 20004  
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**LOCATION:** CARROLL COUNTY

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

FORM APPROVED  
 OMB No.2040-0004

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

**MONITORING PERIOD**  
 FROM YEAR 2006 MO 09 DAY 01 TO YEAR 06 MO 09 DAY 30  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW	SAMPLE MEASUREMENT	0.340	0.381	MGD				0	Cont Measure/Record	
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT						Cont Measure/Record	
FECAL COLIFORM	SAMPLE MEASUREMENT					<2	MPN/100ml	0	1/WEEK GRAB	
	PERMIT REQUIREMENT					200			1/WEEK GRAB	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TELEPHONE	DATE	
Michael A. Clark Principal		<i>Earl Weddole</i>						410-374-9025	06   10   03	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE-NUMBER	YEAR   MO   DAY	

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

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NAME: **BTR CAPITAL GROUP**  
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 LOCATION: **CARROLL COUNTY**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

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

FORM APPROVED  
 OMB No. 2040-0004

MONITORING PERIOD  
 FROM YEAR 2006 MO 09 DAY 01 TO YEAR 06 MO 09 DAY 30  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
FLOW	SAMPLE MEASUREMENT	0.209	0.246	MGD				0	Cont Measure/Record		
	PERMIT REQUIREMENT	NO LIMIT	NO LIMIT								Cont Measure/Record
1,1,1-TRICHLOROETHANE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					N/A					1/MONTH
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					N/A					1/MONTH
TRICHLOROETHYLENE	SAMPLE MEASUREMENT					<5	ppb	0	1/MONTH	GRAB	
	PERMIT REQUIREMENT					N/A					1/MONTH
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME / TITLE PRINCIPAL EXECUTIVE OFFICER		<small>I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</small>						TELEPHONE		DATE	
Michael A. Clark Principal								410-374-9025		06   10   03	
TYPED OR PRINTED								AREA CODE-NUMBER		YEAR   MO   DAY	
COMMENT AND EXPLANATION OF ANY VIOLATIONS <span style="float: right;">(Reference all attachments here)</span>											



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**APPENDIX C**  
**GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS**  
**(JULY - SEPTEMBER 2006)**

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# Microbac Laboratories, Inc.

## Gascoyne Division

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

2101 Van Deman Street • Baltimore, MD 21224

### Test Results

Page 3

Client: BTR Hampstead, Inc. Client Sample ID: Air Stripper 2 (Pre)  
 Report No: 0607043  
 Project: Hampstead-Monthly Lab ID: 0607043-002  
 Matrix: WASTEWATER Collection Date: 7/5/2006 10:43

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
<b>VOLATILE ORGANIC COMPOUNDS ( EPA 624 )</b>				
Prep. Method: <u>NA</u>	Prep. Date: <u>NA</u>		Prep Analyst <u>NA</u>	Analyst: MLS
Chloromethane	< 10	10	µg/L	7/11/2006 2:24
Vinyl chloride	< 10	10	µg/L	7/11/2006 2:24
Bromomethane	< 10	10	µg/L	7/11/2006 2:24
Chloroethane	< 10	10	µg/L	7/11/2006 2:24
Acrolein	< 100	100	µg/L	7/11/2006 2:24
1,1-Dichloroethene	< 5.0	5.0	µg/L	7/11/2006 2:24
Methylene chloride	< 5.0	5.0	µg/L	7/11/2006 2:24
Acrylonitrile	< 100	100	µg/L	7/11/2006 2:24
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	7/11/2006 2:24
1,1-Dichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:24
Chloroform	< 5.0	5.0	µg/L	7/11/2006 2:24
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:24
Carbon tetrachloride	< 5.0	5.0	µg/L	7/11/2006 2:24
Benzene	< 5.0	5.0	µg/L	7/11/2006 2:24
1,2-Dichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:24
Trichloroethene	130	5.0	µg/L	7/11/2006 2:24
1,2-Dichloropropane	< 5.0	5.0	µg/L	7/11/2006 2:24
Bromodichloromethane	< 5.0	5.0	µg/L	7/11/2006 2:24
2-Chloroethyl vinyl ether	< 10	10	µg/L	7/11/2006 2:24
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	7/11/2006 2:24
Toluene	< 5.0	5.0	µg/L	7/11/2006 2:24
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	7/11/2006 2:24
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:24
Tetrachloroethene	65	5.0	µg/L	7/11/2006 2:24
Dibromochloromethane	< 5.0	5.0	µg/L	7/11/2006 2:24
Chlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:24
Ethylbenzene	< 5.0	5.0	µg/L	7/11/2006 2:24
Bromoform	< 5.0	5.0	µg/L	7/11/2006 2:24
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	7/11/2006 2:24
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:24
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:24



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### Test Results

Page 4

<b>Client:</b>	BTR Hampstead, Inc.	<b>Client Sample ID:</b>	Air Stripper 2 (Pre)
<b>Report No:</b>	0607043	<b>Lab ID:</b>	0607043-002
<b>Project:</b>	Hampstead-Monthly	<b>Collection Date:</b>	7/5/2006 10:43
<b>Matrix:</b>	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:24



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### Test Results Page 5

Client:	BTR Hampstead, Inc.	Client Sample ID:	Outfall 201 (Post)
Report No:	0607043	Lab ID:	0607043-003
Project:	Hampstead-Monthly	Collection Date:	7/5/2006 10:42
Matrix:	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
<b><u>VOLATILE ORGANIC COMPOUNDS ( EPA 624 )</u></b>				Analyst: MLS
Prep. Method: <u>NA</u>	Prep. Date: <u>NA</u>		Prep Analyst <u>NA</u>	
Chloromethane	< 10	10	µg/L	7/11/2006 2:59
Vinyl chloride	< 10	10	µg/L	7/11/2006 2:59
Bromomethane	< 10	10	µg/L	7/11/2006 2:59
Chloroethane	< 10	10	µg/L	7/11/2006 2:59
Acrolein	< 100	100	µg/L	7/11/2006 2:59
1,1-Dichloroethene	< 5.0	5.0	µg/L	7/11/2006 2:59
Methylene chloride	< 5.0	5.0	µg/L	7/11/2006 2:59
Acrylonitrile	< 100	100	µg/L	7/11/2006 2:59
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	7/11/2006 2:59
1,1-Dichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:59
Chloroform	< 5.0	5.0	µg/L	7/11/2006 2:59
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:59
Carbon tetrachloride	< 5.0	5.0	µg/L	7/11/2006 2:59
Benzene	< 5.0	5.0	µg/L	7/11/2006 2:59
1,2-Dichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:59
Trichloroethene	< 5.0	5.0	µg/L	7/11/2006 2:59
1,2-Dichloropropane	< 5.0	5.0	µg/L	7/11/2006 2:59
Bromodichloromethane	< 5.0	5.0	µg/L	7/11/2006 2:59
2-Chloroethyl vinyl ether	< 10	10	µg/L	7/11/2006 2:59
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	7/11/2006 2:59
Toluene	< 5.0	5.0	µg/L	7/11/2006 2:59
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	7/11/2006 2:59
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	7/11/2006 2:59
Tetrachloroethene	< 5.0	5.0	µg/L	7/11/2006 2:59
Dibromochloromethane	< 5.0	5.0	µg/L	7/11/2006 2:59
Chlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:59
Ethylbenzene	< 5.0	5.0	µg/L	7/11/2006 2:59
Bromoform	< 5.0	5.0	µg/L	7/11/2006 2:59
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	7/11/2006 2:59
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:59
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:59



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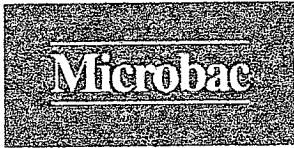
www.microbac.com

### Test Results

Page 6

<b>Client:</b>	BTR Hampstead, Inc.	<b>Client Sample ID:</b>	Outfall 201 (Post)
<b>Report No:</b>	0607043	<b>Lab ID:</b>	0607043-003
<b>Project:</b>	Hampstead-Monthly	<b>Collection Date:</b>	7/5/2006 10:42
<b>Matrix:</b>	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	7/11/2006 2:59



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### Certificate of Analysis

Page 1

Client: BTR Hampstead, Inc.  
 Report No: 0608047  
 Project: Hampstead-Qtrly  
 Matrix: WASTEWATER

Client Sample ID: Air Stripper 2 (Pre)  
 Lab ID: 0608047-002  
 Collection Date: 8/2/2006 10:03

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

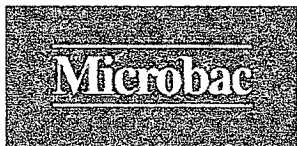
Analyst: MLS

Prep. Method: NA

Prep. Date: NA

Prep Analyst NA

Chloromethane	< 10	10	µg/L	8/9/2006 9:10
Vinyl chloride	< 10	10	µg/L	8/9/2006 9:10
Bromomethane	< 10	10	µg/L	8/9/2006 9:10
Chloroethane	< 10	10	µg/L	8/9/2006 9:10
Acrolein	< 100	100	µg/L	8/9/2006 9:10
1,1-Dichloroethene	< 5.0	5.0	µg/L	8/9/2006 9:10
Methylene chloride	< 5.0	5.0	µg/L	8/9/2006 9:10
Acrylonitrile	< 100	100	µg/L	8/9/2006 9:10
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	8/9/2006 9:10
1,1-Dichloroethane	< 5.0	5.0	µg/L	8/9/2006 9:10
Chloroform	< 5.0	5.0	µg/L	8/9/2006 9:10
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	8/9/2006 9:10
Carbon tetrachloride	< 5.0	5.0	µg/L	8/9/2006 9:10
Benzene	< 5.0	5.0	µg/L	8/9/2006 9:10
1,2-Dichloroethane	< 5.0	5.0	µg/L	8/9/2006 9:10
Trichloroethene	190	5.0	µg/L	8/9/2006 9:10
1,2-Dichloropropane	< 5.0	5.0	µg/L	8/9/2006 9:10
Bromodichloromethane	< 5.0	5.0	µg/L	8/9/2006 9:10
2-Chloroethyl vinyl ether	< 10	10	µg/L	8/9/2006 9:10
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	8/9/2006 9:10
Toluene	< 5.0	5.0	µg/L	8/9/2006 9:10
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	8/9/2006 9:10
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	8/9/2006 9:10
Tetrachloroethene	98	5.0	µg/L	8/9/2006 9:10
Dibromochloromethane	< 5.0	5.0	µg/L	8/9/2006 9:10
Chlorobenzene	< 5.0	5.0	µg/L	8/9/2006 9:10
Ethylbenzene	< 5.0	5.0	µg/L	8/9/2006 9:10
Bromoform	< 5.0	5.0	µg/L	8/9/2006 9:10
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	8/9/2006 9:10
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	8/9/2006 9:10
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	8/9/2006 9:10
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	8/9/2006 9:10



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### Certificate of Analysis

Page 2

**Client:** BTR Hampstead, Inc.  
**Report No:** 0608047  
**Project:** Hampstead-Qtrly  
**Matrix:** WASTEWATER

**Client Sample ID:** Outfall 201 (Post)  
**Lab ID:** 0608047-003  
**Collection Date:** 8/2/2006 10:02

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed	
<b>VOLATILE ORGANIC COMPOUNDS ( EPA 624 )</b>					
Prep. Method: <u>NA</u>	Prep. Date: <u>NA</u>		Prep Analyst: <u>NA</u>	Analyst: <u>MLS</u>	
Chloromethane	< 10	10	µg/L	8/9/2006	9:44
Vinyl chloride	< 10	10	µg/L	8/9/2006	9:44
Bromomethane	< 10	10	µg/L	8/9/2006	9:44
Chloroethane	< 10	10	µg/L	8/9/2006	9:44
Acrolein	< 100	100	µg/L	8/9/2006	9:44
1,1-Dichloroethene	< 5.0	5.0	µg/L	8/9/2006	9:44
Methylene chloride	< 5.0	5.0	µg/L	8/9/2006	9:44
Acrylonitrile	< 100	100	µg/L	8/9/2006	9:44
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	8/9/2006	9:44
1,1-Dichloroethane	< 5.0	5.0	µg/L	8/9/2006	9:44
Chloroform	< 5.0	5.0	µg/L	8/9/2006	9:44
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	8/9/2006	9:44
Carbon tetrachloride	< 5.0	5.0	µg/L	8/9/2006	9:44
Benzene	< 5.0	5.0	µg/L	8/9/2006	9:44
1,2-Dichloroethane	< 5.0	5.0	µg/L	8/9/2006	9:44
Trichloroethene	< 5.0	5.0	µg/L	8/9/2006	9:44
1,2-Dichloropropane	< 5.0	5.0	µg/L	8/9/2006	9:44
Bromodichloromethane	< 5.0	5.0	µg/L	8/9/2006	9:44
2-Chloroethyl vinyl ether	< 10	10	µg/L	8/9/2006	9:44
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	8/9/2006	9:44
Toluene	< 5.0	5.0	µg/L	8/9/2006	9:44
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	8/9/2006	9:44
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	8/9/2006	9:44
Tetrachloroethene	< 5.0	5.0	µg/L	8/9/2006	9:44
Dibromochloromethane	< 5.0	5.0	µg/L	8/9/2006	9:44
Chlorobenzene	< 5.0	5.0	µg/L	8/9/2006	9:44
Ethylbenzene	< 5.0	5.0	µg/L	8/9/2006	9:44
Bromoform	< 5.0	5.0	µg/L	8/9/2006	9:44
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	8/9/2006	9:44
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	8/9/2006	9:44
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	8/9/2006	9:44
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	8/9/2006	9:44



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### Test Results

Page 3

<b>Client:</b>	BTR Hampstead, Inc.	<b>Client Sample ID:</b>	Air Stripper 2 (Pre)
<b>Report No:</b>	0609132		
<b>Project:</b>	Hampstead-Monthly	<b>Lab ID:</b>	0609132-002
<b>Matrix:</b>	WASTEWATER	<b>Collection Date:</b>	9/7/2006 9:07

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

Analyst: MLS

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Chloromethane	< 10	10	µg/L	9/12/2006 18:02
Vinyl chloride	< 10	10	µg/L	9/12/2006 18:02
Bromomethane	< 10	10	µg/L	9/12/2006 18:02
Chloroethane	< 10	10	µg/L	9/12/2006 18:02
Acrolein	< 100	100	µg/L	9/12/2006 18:02
1,1-Dichloroethene	< 5.0	5.0	µg/L	9/12/2006 18:02
Methylene chloride	< 5.0	5.0	µg/L	9/12/2006 18:02
Acrylonitrile	< 100	100	µg/L	9/12/2006 18:02
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	9/12/2006 18:02
1,1-Dichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:02
Chloroform	< 5.0	5.0	µg/L	9/12/2006 18:02
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:02
Carbon tetrachloride	< 5.0	5.0	µg/L	9/12/2006 18:02
Benzene	< 5.0	5.0	µg/L	9/12/2006 18:02
1,2-Dichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:02
Trichloroethene	84	5.0	µg/L	9/12/2006 18:02
1,2-Dichloropropane	< 5.0	5.0	µg/L	9/12/2006 18:02
Bromodichloromethane	< 5.0	5.0	µg/L	9/12/2006 18:02
2-Chloroethyl vinyl ether	< 10	10	µg/L	9/12/2006 18:02
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	9/12/2006 18:02
Toluene	< 5.0	5.0	µg/L	9/12/2006 18:02
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	9/12/2006 18:02
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:02
Tetrachloroethene	50	5.0	µg/L	9/12/2006 18:02
Dibromochloromethane	< 5.0	5.0	µg/L	9/12/2006 18:02
Chlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:02
Ethylbenzene	< 5.0	5.0	µg/L	9/12/2006 18:02
Bromoform	< 5.0	5.0	µg/L	9/12/2006 18:02
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	9/12/2006 18:02
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:02
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:02





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### Test Results

Page 4

<b>Client:</b>	BTR Hampstead, Inc.	<b>Client Sample ID:</b>	Air Stripper 2 (Pre)
<b>Report No:</b>	0609132	<b>Lab ID:</b>	0609132-002
<b>Project:</b>	Hampstead-Monthly	<b>Collection Date:</b>	9/7/2006 9:07
<b>Matrix:</b>	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:02



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## Test Results

Page 5

Client:	BTR Hampstead, Inc.	Client Sample ID:	Outfall 201 (Post)
Report No:	0609132		
Project:	Hampstead-Monthly	Lab ID:	0609132-003
Matrix:	WASTEWATER	Collection Date:	9/7/2006 9:08

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

Analyst: MLS

Prep. Method: NA

Prep. Date: NA

Prep Analyst: NA

Chloromethane	< 10	10	µg/L	9/12/2006 18:36
Vinyl chloride	< 10	10	µg/L	9/12/2006 18:36
Bromomethane	< 10	10	µg/L	9/12/2006 18:36
Chloroethane	< 10	10	µg/L	9/12/2006 18:36
Acrolein	< 100	100	µg/L	9/12/2006 18:36
1,1-Dichloroethene	< 5.0	5.0	µg/L	9/12/2006 18:36
Methylene chloride	< 5.0	5.0	µg/L	9/12/2006 18:36
Acrylonitrile	< 100	100	µg/L	9/12/2006 18:36
trans-1,2-Dichloroethene	< 5.0	5.0	µg/L	9/12/2006 18:36
1,1-Dichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:36
Chloroform	< 5.0	5.0	µg/L	9/12/2006 18:36
1,1,1-Trichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:36
Carbon tetrachloride	< 5.0	5.0	µg/L	9/12/2006 18:36
Benzene	< 5.0	5.0	µg/L	9/12/2006 18:36
1,2-Dichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:36
Trichloroethene	< 5.0	5.0	µg/L	9/12/2006 18:36
1,2-Dichloropropane	< 5.0	5.0	µg/L	9/12/2006 18:36
Bromodichloromethane	< 5.0	5.0	µg/L	9/12/2006 18:36
2-Chloroethyl vinyl ether	< 10	10	µg/L	9/12/2006 18:36
cis-1,3-Dichloropropene	< 5.0	5.0	µg/L	9/12/2006 18:36
Toluene	< 5.0	5.0	µg/L	9/12/2006 18:36
trans-1,3-Dichloropropene	< 5.0	5.0	µg/L	9/12/2006 18:36
1,1,2-Trichloroethane	< 5.0	5.0	µg/L	9/12/2006 18:36
Tetrachloroethene	< 5.0	5.0	µg/L	9/12/2006 18:36
Dibromochloromethane	< 5.0	5.0	µg/L	9/12/2006 18:36
Chlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:36
Ethylbenzene	< 5.0	5.0	µg/L	9/12/2006 18:36
Bromoform	< 5.0	5.0	µg/L	9/12/2006 18:36
1,1,2,2-Tetrachloroethane	< 5.0	5.0	µg/L	9/12/2006 18:36
1,3-Dichlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:36
1,4-Dichlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:36



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## Test Results

Page 6

<b>Client:</b>	BTR Hampstead, Inc.	<b>Client Sample ID:</b>	Outfall 201 (Post)
<b>Report No:</b>	0609132	<b>Lab ID:</b>	0609132-003
<b>Project:</b>	Hampstead-Monthly	<b>Collection Date:</b>	9/7/2006 9:08
<b>Matrix:</b>	WASTEWATER		

Analyses	Test Results	Reporting Limit	Units	Date/Time Analyzed
1,2-Dichlorobenzene	< 5.0	5.0	µg/L	9/12/2006 18:36

---

**APPENDIX D**  
**GROUNDWATER ANALYTICAL DATA PACKAGE**  
**(AUGUST 2006)**

---

STL Chicago  
2417 Bond Street  
University Park, IL 60466

Tel: 708 534 5200 Fax: 708 534 5211  
[www.stl-inc.com](http://www.stl-inc.com)

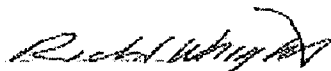
## ANALYTICAL REPORT

Job Number: 500-971-1

Job Description: Black and Decker

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

Attention: Mr. Tom Cornuet



---

Richard C Wright  
Project Manager II  
[rwright@stl-inc.com](mailto:rwright@stl-inc.com)  
08/31/2006

Project Manager: Richard C Wright

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 STL 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.

**Severn Trent Laboratories, Inc.**  
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## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc.

Job Number: 500-971-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method	
<b>500-971-1</b>	<b>EW-2</b>					
cis-1,2-Dichloroethene		2.6	1.0	ug/L	8260B	
Trichloroethene		460	5.0	ug/L	8260B	
Tetrachloroethene		52	1.0	ug/L	8260B	
<b>500-971-2</b>	<b>EW-2 DUP</b>					
cis-1,2-Dichloroethene		2.0	1.0	ug/L	8260B	
Trichloroethene		160	10	ug/L	8260B	
Tetrachloroethene		4.3	1.0	ug/L	8260B	
<b>500-971-3</b>	<b>EW-3</b>					
cis-1,2-Dichloroethene		1.9	1.0	ug/L	8260B	
Trichloroethene		160	10	ug/L	8260B	
Tetrachloroethene		4.2	1.0	ug/L	8260B	
<b>500-971-4</b>	<b>EW-4</b>					
Trichloroethene		770	10	ug/L	8260B	
Tetrachloroethene		18	2.0	ug/L	8260B	
<b>500-971-5</b>	<b>EW-5</b>					
Trichloroethene		250	10	ug/L	8260B	
Tetrachloroethene		12	1.0	ug/L	8260B	
<b>500-971-6</b>	<b>EW-6</b>					
Trichloroethene		12	1.0	ug/L	8260B	
Tetrachloroethene		25	1.0	ug/L	8260B	
<b>500-971-7</b>	<b>EW-7</b>					
1,1-Dichloroethane		0.94	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		8.6		1.0	ug/L	8260B
Trichloroethene		7.3		1.0	ug/L	8260B
Tetrachloroethene		13		1.0	ug/L	8260B

## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc.

Job Number: 500-971-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-971-8</b>	<b>EW-8</b>				
cis-1,2-Dichloroethene		20	1.0	ug/L	8260B
Trichloroethene		11	1.0	ug/L	8260B
Tetrachloroethene		65	1.0	ug/L	8260B
<b>500-971-9</b>	<b>EW-9</b>				
Trichloroethene		1.3	1.0	ug/L	8260B
Tetrachloroethene		160	10	ug/L	8260B
<b>500-971-10</b>	<b>EW-10</b>				
Tetrachloroethene		5.0	1.0	ug/L	8260B

## METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-971-1

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

### LAB REFERENCES:

STL CHI = STL Chicago

### METHOD REFERENCES:

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



**METHOD / ANALYST SUMMARY**

Client: Weston Solutions, Inc.

Job Number: 500-971-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 8260B	Kras, Michael J	MJK

## SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-971-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
500-971-1	EW-2	Water	08/17/2006 1040	08/19/2006 0930
500-971-2	EW-2 DUP	Water	08/17/2006 1045	08/19/2006 0930
500-971-3	EW-3	Water	08/17/2006 1045	08/19/2006 0930
500-971-4	EW-4	Water	08/17/2006 1240	08/19/2006 0930
500-971-5	EW-5	Water	08/16/2006 0950	08/19/2006 0930
500-971-6	EW-6	Water	08/16/2006 1330	08/19/2006 0930
500-971-7	EW-7	Water	08/16/2006 1340	08/19/2006 0930
500-971-8	EW-8	Water	08/16/2006 1345	08/19/2006 0930
500-971-9	EW-9	Water	08/16/2006 1400	08/19/2006 0930
500-971-10	EW-10	Water	08/16/2006 1410	08/19/2006 0930

# SAMPLE RESULTS

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Job Number: 500-971-1

Client Sample ID: EW-2  
 Lab Sample ID: 500-971-1

Date Sampled: 08/17/2006 1040  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B Run Type: DL</b>					
<b>Prep Method: 5030B</b>					
Trichloroethene	460	ug/L	0.65	5.0	5.0
Surrogate			Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	116	%		62 - 127	
Toluene-d8 (Surr)	115	%		81 - 126	
4-Bromofluorobenzene (Surr)	95	%		67 - 132	
Dibromofluoromethane	104	%		77 - 119	
<b>Method: 8260B</b>					
<b>Prep Method: 5030B</b>					
Date Analyzed:		08/24/2006 1138			
Date Prepared:		08/24/2006 1138			
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	2.6	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0

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Job Number: 500-971-1

Client Sample ID: EW-2  
 Lab Sample ID: 500-971-1

Date Sampled: 08/17/2006 1040  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006	1138		
Prep Method: 5030B	Date Prepared:	08/24/2006	1138		
Tetrachloroethene	52	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0
o-Xylene	<1.0	ug/L	0.19	1.0	1.0
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	115	%		62 - 127	
Toluene-d8 (Surr)	105	%		81 - 126	
4-Bromofluorobenzene (Surr)	96	%		67 - 132	
Dibromofluoromethane	100	%		77 - 119	

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Job Number: 500-971-1

Client Sample ID: EW-2 DUP  
 Lab Sample ID: 500-971-2

Date Sampled: 08/17/2006 1045  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/23/2006	2340		
<b>Prep Method: 5030B</b>	Date Prepared:	08/23/2006	2340		
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	2.0	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	4.3	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0
o-Xylene	<1.0	ug/L	0.19	1.0	1.0

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Job Number: 500-971-1

Client Sample ID: EW-2 DUP  
 Lab Sample ID: 500-971-2

Date Sampled: 08/17/2006 1045  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed:	08/23/2006 2340		
<b>Prep Method: 5030B</b>		Date Prepared:	08/23/2006 2340		
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	62 - 127
Toluene-d8 (Surr)	99	%	81 - 126
4-Bromofluorobenzene (Surr)	103	%	67 - 132
Dibromofluoromethane	106	%	77 - 119

<b>Method: 8260B Run Type: DL</b>		Date Analyzed:	08/24/2006 0003		
<b>Prep Method: 5030B</b>		Date Prepared:	08/24/2006 0003		
Trichloroethene	160	ug/L	1.3	10	10

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	%	62 - 127
Toluene-d8 (Surr)	103	%	81 - 126
4-Bromofluorobenzene (Surr)	99	%	67 - 132
Dibromofluoromethane	103	%	77 - 119

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Job Number: 500-971-1

Client Sample ID: EW-3  
 Lab Sample ID: 500-971-3

Date Sampled: 08/17/2006 1045  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006	0025		
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006	0025		
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	1.9	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	4.2	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0
o-Xylene	<1.0	ug/L	0.19	1.0	1.0



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Job Number: 500-971-1

Client Sample ID: EW-3  
 Lab Sample ID: 500-971-3

Date Sampled: 08/17/2006 1045  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>		Date Analyzed:	08/24/2006 0025		
<b>Prep Method: 5030B</b>		Date Prepared:	08/24/2006 0025		
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	%	62 - 127
Toluene-d8 (Surr)	103	%	81 - 126
4-Bromofluorobenzene (Surr)	102	%	67 - 132
Dibromofluoromethane	103	%	77 - 119

<b>Method: 8260B Run Type: DL</b>		Date Analyzed:	08/24/2006 0047		
<b>Prep Method: 5030B</b>		Date Prepared:	08/24/2006 0047		
Trichloroethene	160	ug/L	1.3	10	10

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	%	62 - 127
Toluene-d8 (Surr)	102	%	81 - 126
4-Bromofluorobenzene (Surr)	103	%	67 - 132
Dibromofluoromethane	107	%	77 - 119

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Job Number: 500-971-1

Client Sample ID: EW-4  
 Lab Sample ID: 500-971-4

Date Sampled: 08/17/2006 1240  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B Run Type: DL</b>					
<b>Prep Method: 5030B</b>					
Trichloroethene	770	ug/L	1.3	10	10
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	116	%		62 - 127	
Toluene-d8 (Surr)	104	%		81 - 126	
4-Bromofluorobenzene (Surr)	98	%		67 - 132	
Dibromofluoromethane	103	%		77 - 119	
<b>Method: 8260B</b>					
<b>Prep Method: 5030B</b>					
Benzene	<2.0	ug/L	0.46	2.0	2.0
Dichlorodifluoromethane	<2.0	ug/L	0.24	2.0	2.0
Chloromethane	<2.0	ug/L	0.40	2.0	2.0
Vinyl chloride	<2.0	ug/L	0.32	2.0	2.0
Bromomethane	<2.0	ug/L	1.2	2.0	2.0
Chloroethane	<2.0	ug/L	0.64	2.0	2.0
Trichlorofluoromethane	<2.0	ug/L	0.28	2.0	2.0
1,1-Dichloroethene	<2.0	ug/L	0.50	2.0	2.0
Carbon disulfide	<10	ug/L	0.30	10	2.0
Acetone	<10	ug/L	2.8	10	2.0
Methylene Chloride	<2.0	ug/L	0.48	2.0	2.0
trans-1,2-Dichloroethene	<2.0	ug/L	0.58	2.0	2.0
1,1-Dichloroethane	<2.0	ug/L	0.30	2.0	2.0
2,2-Dichloropropane	<2.0	ug/L	0.34	2.0	2.0
cis-1,2-Dichloroethene	<2.0	ug/L	0.40	2.0	2.0
2-Butanone (MEK)	<10	ug/L	2.0	10	2.0
Bromochloromethane	<2.0	ug/L	0.54	2.0	2.0
Chloroform	<2.0	ug/L	0.28	2.0	2.0
1,1,1-Trichloroethane	<2.0	ug/L	0.34	2.0	2.0
1,1-Dichloropropene	<2.0	ug/L	0.76	2.0	2.0
Carbon tetrachloride	<2.0	ug/L	0.68	2.0	2.0
1,2-Dichloroethane	<2.0	ug/L	0.50	2.0	2.0
1,2-Dichloropropane	<2.0	ug/L	0.38	2.0	2.0
Dibromomethane	<2.0	ug/L	0.42	2.0	2.0
Bromodichloromethane	<2.0	ug/L	0.44	2.0	2.0
cis-1,3-Dichloropropene	<2.0	ug/L	0.30	2.0	2.0
4-Methyl-2-pentanone (MIBK)	<10	ug/L	1.8	10	2.0
Toluene	<2.0	ug/L	0.36	2.0	2.0
trans-1,3-Dichloropropene	<2.0	ug/L	0.32	2.0	2.0
1,1,2-Trichloroethane	<2.0	ug/L	0.48	2.0	2.0

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Job Number: 500-971-1

Client Sample ID: EW-4  
 Lab Sample ID: 500-971-4

Date Sampled: 08/17/2006 1240  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006	1201		
Prep Method: 5030B	Date Prepared:	08/24/2006	1201		
Tetrachloroethene	18	ug/L	0.36	2.0	2.0
1,3-Dichloropropane	<2.0	ug/L	0.44	2.0	2.0
2-Hexanone	<10	ug/L	2.0	10	2.0
Dibromochloromethane	<2.0	ug/L	0.44	2.0	2.0
1,2-Dibromoethane	<2.0	ug/L	0.66	2.0	2.0
Chlorobenzene	<2.0	ug/L	0.30	2.0	2.0
1,1,1,2-Tetrachloroethane	<2.0	ug/L	0.66	2.0	2.0
Ethylbenzene	<2.0	ug/L	0.42	2.0	2.0
m&p-Xylene	<4.0	ug/L	0.72	4.0	2.0
o-Xylene	<2.0	ug/L	0.38	2.0	2.0
Styrene	<2.0	ug/L	0.36	2.0	2.0
Bromoform	<2.0	ug/L	0.64	2.0	2.0
Isopropylbenzene	<2.0	ug/L	0.40	2.0	2.0
Bromobenzene	<2.0	ug/L	0.44	2.0	2.0
1,1,2,2-Tetrachloroethane	<2.0	ug/L	0.68	2.0	2.0
1,2,3-Trichloropropane	<2.0	ug/L	0.70	2.0	2.0
N-Propylbenzene	<2.0	ug/L	0.32	2.0	2.0
2-Chlorotoluene	<2.0	ug/L	0.32	2.0	2.0
1,3,5-Trimethylbenzene	<2.0	ug/L	0.36	2.0	2.0
4-Chlorotoluene	<2.0	ug/L	0.36	2.0	2.0
tert-Butylbenzene	<2.0	ug/L	0.32	2.0	2.0
1,2,4-Trimethylbenzene	<2.0	ug/L	0.52	2.0	2.0
sec-Butylbenzene	<2.0	ug/L	0.38	2.0	2.0
1,3-Dichlorobenzene	<2.0	ug/L	0.42	2.0	2.0
p-Isopropyltoluene	<2.0	ug/L	0.58	2.0	2.0
1,4-Dichlorobenzene	<2.0	ug/L	0.50	2.0	2.0
n-Butylbenzene	<2.0	ug/L	0.70	2.0	2.0
1,2-Dichlorobenzene	<2.0	ug/L	0.58	2.0	2.0
1,2-Dibromo-3-Chloropropane	<2.0	ug/L	0.82	2.0	2.0
1,2,4-Trichlorobenzene	<2.0	ug/L	0.72	2.0	2.0
Hexachlorobutadiene	<2.0	ug/L	0.72	2.0	2.0
Naphthalene	<2.0	ug/L	0.74	2.0	2.0
1,2,3-Trichlorobenzene	<2.0	ug/L	0.86	2.0	2.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	118	%		62 - 127	
Toluene-d8 (Surr)	104	%		81 - 126	
4-Bromofluorobenzene (Surr)	98	%		67 - 132	
Dibromofluoromethane	103	%		77 - 119	

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Job Number: 500-971-1

Client Sample ID: EW-5  
 Lab Sample ID: 500-971-5

Date Sampled: 08/16/2006 0950  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006	0155		
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006	0155		
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	12	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0
o-Xylene	<1.0	ug/L	0.19	1.0	1.0

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Job Number: 500-971-1

Client Sample ID: EW-5  
 Lab Sample ID: 500-971-5

Date Sampled: 08/16/2006 0950  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006 0155			
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006 0155			
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3 Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	%	62 - 127
Toluene-d8 (Surr)	100	%	81 - 126
4-Bromofluorobenzene (Surr)	101	%	67 - 132
Dibromofluoromethane	104	%	77 - 119

<b>Method: 8260B</b>	<b>Run Type: DL</b>	Date Analyzed:	08/24/2006 0218		
<b>Prep Method: 5030B</b>		Date Prepared:	08/24/2006 0218		
Trichloroethene	250	ug/L	1.3	10	10

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	%	62 - 127
Toluene-d8 (Surr)	104	%	81 - 126
4-Bromofluorobenzene (Surr)	99	%	67 - 132
Dibromofluoromethane	104	%	77 - 119

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Job Number: 500-971-1

Client Sample ID: EW-6  
 Lab Sample ID: 500-971-6

Date Sampled: 08/16/2006 1330  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006 0241			
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006 0241			
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
Trichloroethene	12	ug/L	0.13	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	25	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0

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Job Number: 500-971-1

Client Sample ID: EW-6  
 Lab Sample ID: 500-971-6

Date Sampled: 08/16/2006 1330  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006 0241			
Prep Method: 5030B	Date Prepared:	08/24/2006 0241			
o-Xylene	<1.0	ug/L	0.19	1.0	1.0
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	116	%		62 - 127	
Toluene-d8 (Surr)	104	%		81 - 126	
4-Bromofluorobenzene (Surr)	98	%		67 - 132	
Dibromofluoromethane	103	%		77 - 119	

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Job Number: 500-971-1

Client Sample ID: EW-7  
 Lab Sample ID: 500-971-7

Date Sampled: 08/16/2006 1340  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006 0304			
Prep Method: 5030B	Date Prepared:	08/24/2006 0304			
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	0.94	J ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	8.6	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
Trichloroethene	7.3	ug/L	0.13	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	13	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0



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Job Number: 500-971-1

Client Sample ID: EW-7  
 Lab Sample ID: 500-971-7

Date Sampled: 08/16/2006 1340  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006 0304			
Prep Method: 5030B	Date Prepared:	08/24/2006 0304			
o-Xylene	<1.0	ug/L	0.19	1.0	1.0
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	118	%		62 - 127	
Toluene-d8 (Surr)	104	%		81 - 126	
4-Bromofluorobenzene (Surr)	97	%		67 - 132	
Dibromofluoromethane	103	%		77 - 119	

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Job Number: 500-971-1

Client Sample ID: EW-8  
 Lab Sample ID: 500-971-8

Date Sampled: 08/16/2006 1345  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006	0326		
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006	0326		
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	20	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
Trichloroethene	11	ug/L	0.13	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	65	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0

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Job Number: 500-971-1

Client Sample ID: EW-8  
 Lab Sample ID: 500-971-8

Date Sampled: 08/16/2006 1345  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006	0326		
Prep Method: 5030B	Date Prepared:	08/24/2006	0326		
o-Xylene	<1.0	ug/L	0.19	1.0	1.0
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	117	%		62 - 127	
Toluene-d8 (Surr)	103	%		81 - 126	
4-Bromofluorobenzene (Surr)	102	%		67 - 132	
Dibromofluoromethane	105	%		77 - 119	

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Job Number: 500-971-1

Client Sample ID: EW-9  
 Lab Sample ID: 500-971-9

Date Sampled: 08/16/2006 1400  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006 0411			
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006 0411			
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
Trichloroethene	1.3	ug/L	0.13	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0
o-Xylene	<1.0	ug/L	0.19	1.0	1.0

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Job Number: 500-971-1

Client Sample ID: EW-9  
 Lab Sample ID: 500-971-9

Date Sampled: 08/16/2006 1400  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006 0411			
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006 0411			
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	%	62 - 127
Toluene-d8 (Surr)	102	%	81 - 126
4-Bromofluorobenzene (Surr)	102	%	67 - 132
Dibromofluoromethane	109	%	77 - 119

<b>Method: 8260B</b>	<b>Run Type: DL</b>	Date Analyzed:	08/24/2006 0434		
<b>Prep Method: 5030B</b>		Date Prepared:	08/24/2006 0434		
Tetrachloroethene	160	ug/L	1.8	10	10

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	%	62 - 127
Toluene-d8 (Surr)	104	%	81 - 126
4-Bromofluorobenzene (Surr)	100	%	67 - 132
Dibromofluoromethane	108	%	77 - 119

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Job Number: 500-971-1

Client Sample ID: EW-10  
 Lab Sample ID: 500-971-10

Date Sampled: 08/16/2006 1410  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006	0457		
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006	0457		
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
Trichloroethene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	5.0	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0

Mr. Tom Cornuet  
 Weston Solutions, Inc.  
 1400 Weston Way  
 PO BOX 2653  
 Westchester, PA 19380

Job Number: 500-971-1

Client Sample ID: EW-10  
 Lab Sample ID: 500-971-10

Date Sampled: 08/16/2006 1410  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B	Date Analyzed:	08/24/2006	0457		
Prep Method: 5030B	Date Prepared:	08/24/2006	0457		
o-Xylene	<1.0	ug/L	0.19	1.0	1.0
Styrene	<1.0	ug/L	0.18	1.0	1.0
Bromoform	<1.0	ug/L	0.32	1.0	1.0
Isopropylbenzene	<1.0	ug/L	0.20	1.0	1.0
Bromobenzene	<1.0	ug/L	0.22	1.0	1.0
1,1,2,2-Tetrachloroethane	<1.0	ug/L	0.34	1.0	1.0
1,2,3-Trichloropropane	<1.0	ug/L	0.35	1.0	1.0
N-Propylbenzene	<1.0	ug/L	0.16	1.0	1.0
2-Chlorotoluene	<1.0	ug/L	0.16	1.0	1.0
1,3,5-Trimethylbenzene	<1.0	ug/L	0.18	1.0	1.0
4-Chlorotoluene	<1.0	ug/L	0.18	1.0	1.0
tert-Butylbenzene	<1.0	ug/L	0.16	1.0	1.0
1,2,4-Trimethylbenzene	<1.0	ug/L	0.26	1.0	1.0
sec-Butylbenzene	<1.0	ug/L	0.19	1.0	1.0
1,3-Dichlorobenzene	<1.0	ug/L	0.21	1.0	1.0
p-Isopropyltoluene	<1.0	ug/L	0.29	1.0	1.0
1,4-Dichlorobenzene	<1.0	ug/L	0.25	1.0	1.0
n-Butylbenzene	<1.0	ug/L	0.35	1.0	1.0
1,2-Dichlorobenzene	<1.0	ug/L	0.29	1.0	1.0
1,2-Dibromo-3-Chloropropane	<1.0	ug/L	0.41	1.0	1.0
1,2,4-Trichlorobenzene	<1.0	ug/L	0.36	1.0	1.0
Hexachlorobutadiene	<1.0	ug/L	0.36	1.0	1.0
Naphthalene	<1.0	ug/L	0.37	1.0	1.0
1,2,3-Trichlorobenzene	<1.0	ug/L	0.43	1.0	1.0
Surrogate				Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	122	%		62 - 127	
Toluene-d8 (Surr)	104	%		81 - 126	
4-Bromofluorobenzene (Surr)	98	%		67 - 132	
Dibromofluoromethane	111	%		77 - 119	

## DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc.

Job Number: 500-971-1

Lab Section	Qualifier	Description
GC/MS VOA	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.



# QUALITY CONTROL RESULTS

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:500-4632</b>					
LCS 500-4632/28	Lab Control Spike	T	Water	8260B	
MB 500-4632/26	Method Blank	T	Water	8260B	
500-971-1DL	EW-2	T	Water	8260B	
500-971-2	EW-2 DUP	T	Water	8260B	
500-971-2DL	EW-2 DUP	T	Water	8260B	
500-971-3	EW-3	T	Water	8260B	
500-971-3DL	EW-3	T	Water	8260B	
500-971-4DL	EW-4	T	Water	8260B	
500-971-5	EW-5	T	Water	8260B	
500-971-5DL	EW-5	T	Water	8260B	
500-971-6	EW-6	T	Water	8260B	
500-971-7	EW-7	T	Water	8260B	
500-971-8	EW-8	T	Water	8260B	
500-971-9	EW-9	T	Water	8260B	
500-971-9DL	EW-9	T	Water	8260B	
500-971-10	EW-10	T	Water	8260B	
<b>Analysis Batch:500-4685</b>					
LCS 500-4685/25	Lab Control Spike	T	Water	8260B	
MB 500-4685/24	Method Blank	T	Water	8260B	
500-971-1	EW-2	T	Water	8260B	
500-971-4	EW-4	T	Water	8260B	

#### Report Basis

T = Total

**Quality Control Results**

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Surrogate Recovery Report**

**8260B VOC**

**Client Matrix: Water**

<u>Lab Sample ID</u>	<u>Client Sample</u>	(12DCE) (%Rec)	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
500-971-1DL	EW-2	116	95	104	115
500-971-1RA	EW-2	115	96	100	105
500-971-2	EW-2 DUP	116	103	106	99
500-971-2DL	EW-2 DUP	115	99	103	103
500-971-3	EW-3	113	102	103	103
500-971-3DL	EW-3	121	103	107	102
500-971-4DIL	EW-4	118	98	103	104
500-971-4DL	EW-4	116	98	103	104
500-971-5	EW-5	114	101	104	100
500-971-5DL	EW-5	114	99	104	104
500-971-6	EW-6	116	98	103	104
500-971-7	EW-7	118	97	103	104
500-971-8	EW-8	117	102	105	103
500-971-9	EW-9	125	102	109	102
500-971-9DL	EW-9	120	100	108	104
500-971-10	EW-10	122	98	111	104
LCS 500-4632/28		112	103	102	106
LCS 500-4685/25		113	103	103	102
MB 500-4632/26		113	102	97	103
MB 500-4685/24		115	98	103	103

<u>Surrogate</u>	<u>Acceptance Limits</u>
(12DCE)	1,2-Dichloroethane-d4 (Surr) 62 - 127
(BFB)	4-Bromofluorobenzene (Surr) 67 - 132
(DBFM)	Dibromofluoromethane 77 - 119
(TOL)	Toluene-d8 (Surr) 81 - 126

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Method Blank - Batch: 500-4632**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-4632/26  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/23/2006 1953  
Date Prepared: 08/23/2006 1953

Analysis Batch: 500-4632  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18m0823.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Benzene	<1.0		0.23	1.0
Dichlorodifluoromethane	<1.0		0.12	1.0
Chloromethane	<1.0		0.20	1.0
Vinyl chloride	<1.0		0.16	1.0
Bromomethane	<1.0		0.59	1.0
Chloroethane	<1.0		0.32	1.0
Trichlorofluoromethane	<1.0		0.14	1.0
1,1-Dichloroethene	<1.0		0.25	1.0
Carbon disulfide	<5.0		0.15	5.0
Acetone	<5.0		1.4	5.0
Methylene Chloride	<1.0		0.24	1.0
trans-1,2-Dichloroethene	<1.0		0.29	1.0
1,1-Dichloroethane	<1.0		0.15	1.0
2,2-Dichloropropane	<1.0		0.17	1.0
cis-1,2-Dichloroethene	<1.0		0.20	1.0
2-Butanone (MEK)	<5.0		1.0	5.0
Bromochloromethane	<1.0		0.27	1.0
Chloroform	<1.0		0.14	1.0
1,1,1-Trichloroethane	<1.0		0.17	1.0
1,1-Dichloropropene	<1.0		0.38	1.0
Carbon tetrachloride	<1.0		0.34	1.0
1,2-Dichloroethane	<1.0		0.25	1.0
Trichloroethene	<1.0		0.13	1.0
1,2-Dichloropropane	<1.0		0.19	1.0
Dibromomethane	<1.0		0.21	1.0
Bromodichloromethane	<1.0		0.22	1.0
cis-1,3-Dichloropropene	<1.0		0.15	1.0
4-Methyl-2-pentanone (MIBK)	<5.0		0.92	5.0
Toluene	<1.0		0.18	1.0
trans-1,3-Dichloropropene	<1.0		0.16	1.0
1,1,2-Trichloroethane	<1.0		0.24	1.0
Tetrachloroethene	<1.0		0.18	1.0
1,3-Dichloropropane	<1.0		0.22	1.0
2-Hexanone	<5.0		0.99	5.0
Dibromochloromethane	<1.0		0.22	1.0
1,2-Dibromoethane	<1.0		0.33	1.0
Chlorobenzene	<1.0		0.15	1.0
1,1,1,2-Tetrachloroethane	<1.0		0.33	1.0
Ethylbenzene	<1.0		0.21	1.0
m&p-Xylene	<2.0		0.36	2.0
o-Xylene	<1.0		0.19	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Method Blank - Batch: 500-4632**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-4632/26  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/23/2006 1953  
Date Prepared: 08/23/2006 1953

Analysis Batch: 500-4632  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18m0823.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Styrene	<1.0		0.18	1.0
Bromoform	<1.0		0.32	1.0
Isopropylbenzene	<1.0		0.20	1.0
Bromobenzene	<1.0		0.22	1.0
1,1,2,2-Tetrachloroethane	<1.0		0.34	1.0
1,2,3-Trichloropropane	<1.0		0.35	1.0
N-Propylbenzene	<1.0		0.16	1.0
2-Chlorotoluene	<1.0		0.16	1.0
1,3,5-Trimethylbenzene	<1.0		0.18	1.0
4-Chlorotoluene	<1.0		0.18	1.0
tert-Butylbenzene	<1.0		0.16	1.0
1,2,4-Trimethylbenzene	<1.0		0.26	1.0
sec-Butylbenzene	<1.0		0.19	1.0
1,3-Dichlorobenzene	<1.0		0.21	1.0
p-Isopropyltoluene	<1.0		0.29	1.0
1,4-Dichlorobenzene	<1.0		0.25	1.0
n-Butylbenzene	<1.0		0.35	1.0
1,2-Dichlorobenzene	<1.0		0.29	1.0
1,2-Dibromo-3-Chloropropane	<1.0		0.41	1.0
1,2,4-Trichlorobenzene	<1.0		0.36	1.0
Hexachlorobutadiene	<1.0		0.36	1.0
Naphthalene	<1.0		0.37	1.0
1,2,3-Trichlorobenzene	<1.0		0.43	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	113		62 - 127	
Toluene-d8 (Surr)	103		81 - 126	
4-Bromofluorobenzene (Surr)	102		67 - 132	
Dibromofluoromethane	97		77 - 119	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Lab Control Spike - Batch: 500-4632**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: LCS 500-4632/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/23/2006 2124  
Date Prepared: 08/23/2006 2124

Analysis Batch: 500-4632  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18s0823A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	25.0	23.8	95	75 - 122	
Dichlorodifluoromethane	25.0	36.4	146	24 - 171	
Chloromethane	25.0	26.9	108	31 - 182	
Vinyl chloride	25.0	24.9	100	52 - 134	
Bromomethane	25.0	27.5	110	31 - 188	
Chloroethane	25.0	27.3	109	58 - 148	
Trichlorofluoromethane	25.0	30.6	122	54 - 142	
1,1-Dichloroethene	25.0	23.4	94	51 - 136	
Carbon disulfide	25.0	25.9	103	21 - 111	
Acetone	25.0	30.1	120	14 - 177	
Methylene Chloride	25.0	23.7	95	64 - 127	
trans-1,2-Dichloroethane	25.0	23.5	94	62 - 138	
1,1-Dichloroethane	25.0	24.9	99	70 - 124	
2,2-Dichloropropane	25.0	27.5	110	68 - 127	
cis-1,2-Dichloroethene	25.0	24.0	96	76 - 125	
2-Butanone (MEK)	25.0	21.3	85	29 - 139	
Bromochloromethane	25.0	23.6	94	57 - 116	
Chloroform	25.0	26.0	104	75 - 122	
1,1,1-Trichloroethane	25.0	28.1	112	70 - 127	
1,1-Dichloropropene	25.0	24.6	99	70 - 125	
Carbon tetrachloride	25.0	29.2	117	64 - 132	
1,2-Dichloroethane	25.0	26.6	107	67 - 120	
Trichloroethene	25.0	24.9	99	75 - 124	
1,2-Dichloropropane	25.0	24.0	96	76 - 116	
Dibromomethane	25.0	23.6	95	68 - 116	
Bromodichloromethane	25.0	28.2	113	75 - 125	
cis-1,3-Dichloropropene	26.9	25.0	93	72 - 115	
4-Methyl-2-pentanone (MIBK)	25.0	26.0	104	39 - 137	
Toluene	25.0	24.5	98	77 - 120	
trans-1,3-Dichloropropene	24.3	23.7	98	68 - 119	
1,1,2-Trichloroethane	25.0	23.7	95	63 - 127	
Tetrachloroethene	25.0	22.3	89	70 - 125	
1,3-Dichloropropane	25.0	22.3	89	72 - 118	
2-Hexanone	25.0	23.5	94	36 - 144	
Dibromochloromethane	25.0	23.1	92	73 - 116	
1,2-Dibromoethane	25.0	25.9	104	62 - 123	
Chlorobenzene	25.0	23.5	94	76 - 116	
1,1,1,2-Tetrachloroethane	25.0	24.7	99	77 - 120	
Ethylbenzene	25.0	23.6	94	75 - 125	
m&p-Xylene	50.0	49.3	99	75 - 123	
o-Xylene	25.0	24.4	98	76 - 121	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

Lab Control Spike - Batch: 500-4632

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: LCS 500-4632/28  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/23/2006 2124  
Date Prepared: 08/23/2006 2124

Analysis Batch: 500-4632  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18s0823A.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	25.0	25.1	101	77 - 128	
Bromoform	25.0	21.2	85	65 - 115	
Isopropylbenzene	25.0	21.6	86	64 - 119	
Bromobenzene	25.0	23.7	95	76 - 118	
1,1,2,2-Tetrachloroethane	25.0	21.0	84	61 - 122	
1,2,3-Trichloropropane	25.0	22.3	89	62 - 124	
N-Propylbenzene	25.0	24.6	98	69 - 132	
2-Chlorotoluene	25.0	24.3	97	70 - 127	
1,3,5-Trimethylbenzene	25.0	24.5	98	70 - 132	
4-Chlorotoluene	25.0	24.3	97	70 - 126	
tert-Butylbenzene	25.0	24.5	98	70 - 133	
1,2,4-Trimethylbenzene	25.0	24.6	98	71 - 131	
sec-Butylbenzene	25.0	24.1	96	70 - 134	
1,3-Dichlorobenzene	25.0	23.1	92	71 - 120	
p-Isopropyltoluene	25.0	24.0	96	66 - 130	
1,4-Dichlorobenzene	25.0	22.8	91	70 - 118	
n-Butylbenzene	25.0	24.4	97	64 - 142	
1,2-Dichlorobenzene	25.0	22.5	90	72 - 118	
1,2-Dibromo-3-Chloropropane	25.0	20.2	81	57 - 119	
1,2,4-Trichlorobenzene	25.0	21.7	87	60 - 132	
Hexachlorobutadiene	25.0	24.2	97	63 - 145	
Naphthalene	25.0	20.1	80	57 - 128	
1,2,3-Trichlorobenzene	25.0	20.7	83	66 - 124	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	62 - 127
Toluene-d8 (Surr)	106	81 - 126
4-Bromofluorobenzene (Surr)	103	67 - 132
Dibromofluoromethane	102	77 - 119

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Method Blank - Batch: 500-4685**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-4685/24  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/24/2006 1053  
Date Prepared: 08/24/2006 1053

Analysis Batch: 500-4685  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18m0824.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Benzene	<1.0		0.23	1.0
Dichlorodifluoromethane	<1.0		0.12	1.0
Chloromethane	<1.0		0.20	1.0
Vinyl chloride	<1.0		0.16	1.0
Bromomethane	<1.0		0.59	1.0
Chloroethane	<1.0		0.32	1.0
Trichlorofluoromethane	<1.0		0.14	1.0
1,1-Dichloroethene	<1.0		0.25	1.0
Carbon disulfide	<5.0		0.15	5.0
Acetone	<5.0		1.4	5.0
Methylene Chloride	<1.0		0.24	1.0
trans-1,2-Dichloroethene	<1.0		0.29	1.0
1,1-Dichloroethane	<1.0		0.15	1.0
2,2-Dichloropropane	<1.0		0.17	1.0
cis-1,2-Dichloroethene	<1.0		0.20	1.0
2-Butanone (MEK)	<5.0		1.0	5.0
Bromochloromethane	<1.0		0.27	1.0
Chloroform	<1.0		0.14	1.0
1,1,1-Trichloroethane	<1.0		0.17	1.0
1,1-Dichloropropene	<1.0		0.38	1.0
Carbon tetrachloride	<1.0		0.34	1.0
1,2-Dichloroethane	<1.0		0.25	1.0
Trichloroethene	<1.0		0.13	1.0
1,2-Dichloropropane	<1.0		0.19	1.0
Dibromomethane	<1.0		0.21	1.0
Bromodichloromethane	<1.0		0.22	1.0
cis-1,3-Dichloropropene	<1.0		0.15	1.0
4-Methyl-2-pentanone (MIBK)	<5.0		0.92	5.0
Toluene	<1.0		0.18	1.0
trans-1,3-Dichloropropene	<1.0		0.16	1.0
1,1,2-Trichloroethane	<1.0		0.24	1.0
Tetrachloroethene	<1.0		0.18	1.0
1,3-Dichloropropane	<1.0		0.22	1.0
2-Hexanone	<5.0		0.99	5.0
Dibromochloromethane	<1.0		0.22	1.0
1,2-Dibromoethane	<1.0		0.33	1.0
Chlorobenzene	<1.0		0.15	1.0
1,1,1,2-Tetrachloroethane	<1.0		0.33	1.0
Ethylbenzene	<1.0		0.21	1.0
m&p-Xylene	<2.0		0.36	2.0
o-Xylene	<1.0		0.19	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.



## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Method Blank - Batch: 500-4685**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 500-4685/24  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/24/2006 1053  
Date Prepared: 08/24/2006 1053

Analysis Batch: 500-4685  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18m0824.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Styrene	<1.0		0.18	1.0
Bromoform	<1.0		0.32	1.0
Isopropylbenzene	<1.0		0.20	1.0
Bromobenzene	<1.0		0.22	1.0
1,1,2,2-Tetrachloroethane	<1.0		0.34	1.0
1,2,3-Trichloropropane	<1.0		0.35	1.0
N-Propylbenzene	<1.0		0.16	1.0
2-Chlorotoluene	<1.0		0.16	1.0
1,3,5-Trimethylbenzene	<1.0		0.18	1.0
4-Chlorotoluene	<1.0		0.18	1.0
tert-Butylbenzene	<1.0		0.16	1.0
1,2,4-Trimethylbenzene	<1.0		0.26	1.0
sec-Butylbenzene	<1.0		0.19	1.0
1,3-Dichlorobenzene	<1.0		0.21	1.0
p-Isopropyltoluene	<1.0		0.29	1.0
1,4-Dichlorobenzene	<1.0		0.25	1.0
n-Butylbenzene	<1.0		0.35	1.0
1,2-Dichlorobenzene	<1.0		0.29	1.0
1,2-Dibromo-3-Chloropropane	<1.0		0.41	1.0
1,2,4-Trichlorobenzene	<1.0		0.36	1.0
Hexachlorobutadiene	<1.0		0.36	1.0
Naphthalene	<1.0		0.37	1.0
1,2,3-Trichlorobenzene	<1.0		0.43	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	115	62 - 127		
Toluene-d8 (Surr)	103	81 - 126		
4-Bromofluorobenzene (Surr)	98	67 - 132		
Dibromofluoromethane	103	77 - 119		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

**Lab Control Spike - Batch: 500-4685**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: LCS 500-4685/25  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/24/2006 1116  
Date Prepared: 08/24/2006 1116

Analysis Batch: 500-4685  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18s0824.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	25.0	21.9	88	75 - 122	
Dichlorodifluoromethane	25.0	30.0	120	24 - 171	
Chloromethane	25.0	24.3	97	31 - 182	
Vinyl chloride	25.0	23.1	93	52 - 134	
Bromomethane	25.0	10.9	44	31 - 188	
Chloroethane	25.0	24.8	99	58 - 148	
Trichlorofluoromethane	25.0	26.9	108	54 - 142	
1,1-Dichloroethene	25.0	21.0	84	51 - 136	
Carbon disulfide	25.0	21.8	87	21 - 111	
Acetone	25.0	19.5	78	14 - 177	
Methylene Chloride	25.0	21.7	87	64 - 127	
trans-1,2-Dichloroethene	25.0	22.2	89	62 - 138	
1,1-Dichloroethane	25.0	23.1	93	70 - 124	
2,2-Dichloropropane	25.0	23.4	94	68 - 127	
cis-1,2-Dichloroethene	25.0	22.4	89	76 - 125	
2-Butanone (MEK)	25.0	23.2	93	29 - 139	
Bromochloromethane	25.0	22.1	88	57 - 116	
Chloroform	25.0	24.7	99	75 - 122	
1,1,1-Trichloroethane	25.0	25.7	103	70 - 127	
1,1-Dichloropropene	25.0	23.0	92	70 - 125	
Carbon tetrachloride	25.0	26.3	105	64 - 132	
1,2-Dichloroethane	25.0	25.5	102	67 - 120	
Trichloroethene	25.0	22.5	90	75 - 124	
1,2-Dichloropropane	25.0	22.4	90	76 - 116	
Dibromomethane	25.0	23.5	94	68 - 116	
Bromodichloromethane	25.0	27.0	108	75 - 125	
cis-1,3-Dichloropropene	26.9	23.4	87	72 - 115	
4-Methyl-2-pentanone (MIBK)	25.0	23.9	96	39 - 137	
Toluene	25.0	22.6	90	77 - 120	
trans-1,3-Dichloropropene	24.3	19.6	81	68 - 119	
1,1,2-Trichloroethane	25.0	21.7	87	63 - 127	
Tetrachloroethene	25.0	23.2	93	70 - 125	
1,3-Dichloropropane	25.0	21.8	87	72 - 118	
2-Hexanone	25.0	22.8	91	36 - 144	
Dibromochloromethane	25.0	22.4	90	73 - 116	
1,2-Dibromoethane	25.0	22.0	88	62 - 123	
Chlorobenzene	25.0	22.2	89	76 - 116	
1,1,1,2-Tetrachloroethane	25.0	25.0	100	77 - 120	
Ethylbenzene	25.0	22.8	91	75 - 125	
m&p-Xylene	50.0	47.5	95	75 - 123	
o-Xylene	25.0	25.1	100	76 - 121	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Weston Solutions, Inc.

Job Number: 500-971-1

Lab Control Spike - Batch: 500-4685

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: LCS 500-4685/25  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/24/2006 1116  
Date Prepared: 08/24/2006 1116

Analysis Batch: 500-4685  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Agilent 6890N GC - 5975N  
Lab File ID: 18s0824.D  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	25.0	23.8	95	77 - 128	
Bromoform	25.0	20.0	80	65 - 115	
Isopropylbenzene	25.0	21.8	87	64 - 119	
Bromobenzene	25.0	22.1	88	76 - 118	
1,1,2,2-Tetrachloroethane	25.0	21.0	84	61 - 122	
1,2,3-Trichloropropane	25.0	22.2	89	62 - 124	
N-Propylbenzene	25.0	23.7	95	69 - 132	
2-Chlorotoluene	25.0	23.6	94	70 - 127	
1,3,5-Trimethylbenzene	25.0	24.5	98	70 - 132	
4-Chlorotoluene	25.0	23.6	94	70 - 126	
tert-Butylbenzene	25.0	25.0	100	70 - 133	
1,2,4-Trimethylbenzene	25.0	24.6	98	71 - 131	
sec-Butylbenzene	25.0	24.3	97	70 - 134	
1,3-Dichlorobenzene	25.0	23.0	92	71 - 120	
p-Isopropyltoluene	25.0	23.5	94	66 - 130	
1,4-Dichlorobenzene	25.0	22.4	89	70 - 118	
n-Butylbenzene	25.0	24.6	98	64 - 142	
1,2-Dichlorobenzene	25.0	23.0	92	72 - 118	
1,2-Dibromo-3-Chloropropane	25.0	22.4	89	57 - 119	
1,2,4-Trichlorobenzene	25.0	22.5	90	60 - 132	
Hexachlorobutadiene	25.0	25.7	103	63 - 145	
Naphthalene	25.0	20.9	84	57 - 128	
1,2,3-Trichlorobenzene	25.0	23.1	92	66 - 124	
Surrogate			% Rec	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)			113	62 - 127	
Toluene-d8 (Surr)			102	81 - 126	
4-Bromofluorobenzene (Surr)			103	67 - 132	
Dibromofluoromethane			103	77 - 119	

Calculations are performed before rounding to avoid round-off errors in calculated results.

**SEVERN  
TRENT** **STL**

**STL Chicago**  
2417 Bond Street  
University Park, IL 60466  
Phone: 708-534-5200  
Fax: 708-534-5211

**Report To:**

Contact: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
E-Mail: \_\_\_\_\_

**Bill To:**

Contact: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
PO#: \_\_\_\_\_ Quote: \_\_\_\_\_

Shaded Areas For Internal Use Only \_\_\_\_\_ of \_\_\_\_\_

Lab Lot# **500-97106**

Package Sealed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Samples Sealed Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received on Ice Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Samples Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Temperature °C of Cooler <b>4.2</b>	
W/In Hold Time Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Preserv. Indicated Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>
GL Check OK Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	Res. Gl. Check OK Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>
Sample Labels and CDS Agree Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CDS not present	

Sampler Name: **Green Flasks**

Signature: \_\_\_\_\_

Project Name: **B+D**

Project Number: \_\_\_\_\_

Project Location: \_\_\_\_\_

Date Required \_\_\_\_\_

Lab PM: \_\_\_\_\_

Hard Copy: \_\_\_\_\_  
Fax: \_\_\_\_\_

Laboratory ID	MS-MSD	Client Sample ID	Sampling		Matrix	Comp/Grab	Additional Analyses / Remarks									
			Date	Time												
1		EW-2	8/17	1040												
2		EW-3 Dup	8/17	1045												
3		EW-3	8/17	1045												
4		EW-4	8/17	1040												
5		EW-5	8/16	950												
6		EW-6	8/16	1330												
7		EW-7	8/16	1340												
8		EW-8	8/16	1345												
9		EW-9	8/16	1400												
10		EW-10	8/16	1410												

RELINQUISHED BY: **[Signature]** COMPANY: \_\_\_\_\_ DATE: **8/15/06** TIME: **1600**

RECEIVED BY: **[Signature]** COMPANY: **STL** DATE: **8/19/06** TIME: **0930**

- Matrix Key**
- WW = Wastewater
  - W = Water
  - S = Soil
  - SL = Sludge
  - MS = Miscellaneous
  - OL = Oil
  - A = Air
  - SE = Sediment
  - SO = Solid
  - DS = Drum Solid
  - DL = Drum Liquid
  - L = Leachate
  - WL = Wipe
  - O = \_\_\_\_\_

- Container Key**
1. Plastic
  2. VOA Vial
  3. Sterile Plastic
  4. Amber Glass
  5. Widemouth Glass
  6. Other

- Preservative Key**
1. HCl, Cool to 4°
  2. H2SO4, Cool to 4°
  3. HNO3, Cool to 4°
  4. NaOH, Cool to 4°
  5. NaOH/Zn, Cool to 4°
  6. Cool to 4°
  7. None

COMMENTS

Date Received **8/19/06**  
Courier: **Ex** Hand Delivered   
Bill of Lading

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Weston Solutions, Inc.

Job Number: 500-971-1

Login Number: 971

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.2
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

STL Chicago  
2417 Bond Street  
University Park, IL 60466

Tel: 708 534 5200 Fax: 708 534 5211  
[www.stl-inc.com](http://www.stl-inc.com)

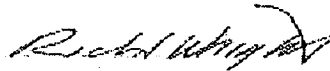
## ANALYTICAL REPORT

Job Number: 500-972-1

Job Description: Black and Decker

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

Attention: Mr. Tom Cornuet



---

Richard C Wright  
Project Manager II  
[rwright@stl-inc.com](mailto:rwright@stl-inc.com)  
08/30/2006

Project Manager: Richard C Wright

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 STL 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.

**Severn Trent Laboratories, Inc.**  
STL Chicago 2417 Bond Street, University Park, IL 60466  
Tel (708) 534-5200 Fax (708) 534-5211 [www.stl-inc.com](http://www.stl-inc.com)



**EXECUTIVE SUMMARY - Detections**

Client: Weston Solutions, Inc.

Job Number: 500-972-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-972-3</b> Trichloroethene	<b>RFW-2A</b>	1.5	1.0	ug/L	8260B
<b>500-972-5</b> cis-1,2-Dichloroethene Trichloroethene Tetrachloroethene	<b>RFW-3B</b>	7.5 6.3 5.0	1.0 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B
<b>500-972-6</b> cis-1,2-Dichloroethene Chloroform Trichloroethene Tetrachloroethene	<b>RFW-4A</b>	1.0 0.93 J 43 49	1.0 1.0 1.0 1.0	ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B
<b>500-972-7</b> cis-1,2-Dichloroethene Trichloroethene Tetrachloroethene	<b>RFW-4B</b>	4.3 13 43	1.0 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B
<b>500-972-8</b> cis-1,2-Dichloroethene Trichloroethene Tetrachloroethene	<b>RFW-4B DUP</b>	4.7 6.3 30	1.0 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B
<b>500-972-9</b> cis-1,2-Dichloroethene Trichloroethene Tetrachloroethene	<b>RFW-6</b>	1.2 8.1 5.2	1.0 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B
<b>500-972-10</b> Trichloroethene	<b>RFW-7</b>	6.7	1.0	ug/L	8260B

**EXECUTIVE SUMMARY - Detections**

Client: Weston Solutions, Inc.

Job Number: 500-972-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>500-972-11</b>	<b>RFW-9</b>				
1,1-Dichloroethene		1.2	1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.3	1.0	ug/L	8260B
1,1,1-Trichloroethane		1.6	1.0	ug/L	8260B
Trichloroethene		17	1.0	ug/L	8260B
Tetrachloroethene		2.9	1.0	ug/L	8260B
<b>500-972-12</b>	<b>RFW-11B</b>				
Trichloroethene		19	1.0	ug/L	8260B
<b>500-972-13</b>	<b>RFW-12B</b>				
1,1-Dichloroethene		0.76 J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.4	1.0	ug/L	8260B
Trichloroethene		320	10	ug/L	8260B
Tetrachloroethene		27	1.0	ug/L	8260B
<b>500-972-14</b>	<b>RFW-13</b>				
Trichloroethene		15	1.0	ug/L	8260B
Tetrachloroethene		46	1.0	ug/L	8260B



## METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-972-1

Description	Lab Location	Method	Preparation Method
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Matrix: Water

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VOC	STL CHI	SW846 8260B	
Purge-and-Trap	STL CHI		SW846 5030B

### LAB REFERENCES:

STL CHI = STL Chicago

### METHOD REFERENCES:

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

## METHOD / ANALYST SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-972-1

<u>Method</u>	<u>Analyst</u>	<u>Analyst ID</u>
SW846 8260B	Kras, Michael J	MJK

## SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-972-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-972-1	RFW-1A	Water	08/16/2006 1005	08/19/2006 0930
500-972-2	RFW-1B	Water	08/17/2006 1325	08/19/2006 0930
500-972-3	RFW-2A	Water	08/16/2006 1045	08/19/2006 0930
500-972-4	RFW-2B	Water	08/16/2006 1105	08/19/2006 0930
500-972-5	RFW-3B	Water	08/17/2006 1005	08/19/2006 0930
500-972-6	RFW-4A	Water	08/17/2006 1510	08/19/2006 0930
500-972-7	RFW-4B	Water	08/17/2006 1500	08/19/2006 0930
500-972-8	RFW-4B DUP	Water	08/17/2006 1500	08/19/2006 0930
500-972-9	RFW-6	Water	08/17/2006 1000	08/19/2006 0930
500-972-10	RFW-7	Water	08/16/2006 1320	08/19/2006 0930
500-972-11	RFW-9	Water	08/17/2006 1350	08/19/2006 0930
500-972-12	RFW-11B	Water	08/17/2006 1315	08/19/2006 0930
500-972-13	RFW-12B	Water	08/17/2006 1025	08/19/2006 0930
500-972-14	RFW-13	Water	08/17/2006 1055	08/19/2006 0930
500-972-15	RFW-17	Water	08/16/2006 1300	08/19/2006 0930
500-972-16	LEISTER-1	Water	08/17/2006 1200	08/19/2006 0930
500-972-17	LEISTER-2	Water	08/17/2006 1210	08/19/2006 0930
500-972-18	LEISTER-DAIRY	Water	08/17/2006 1205	08/19/2006 0930
500-972-19	TRIP BLANK	Water	08/16/2006 0900	08/19/2006 0930

# SAMPLE RESULTS

Mr. Tom Cornuet  
 Weston Solutions, Inc.  
 1400 Weston Way  
 PO BOX 2653  
 Westchester, PA 19380

Job Number: 500-972-1

Client Sample ID: RFW-1A  
 Lab Sample ID: 500-972-1

Date Sampled: 08/16/2006 1005  
 Date Received: 08/19/2006 0930  
 Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
<b>Method: 8260B</b>	Date Analyzed:	08/24/2006 0519			
<b>Prep Method: 5030B</b>	Date Prepared:	08/24/2006 0519			
Benzene	<1.0	ug/L	0.23	1.0	1.0
Dichlorodifluoromethane	<1.0	ug/L	0.12	1.0	1.0
Chloromethane	<1.0	ug/L	0.20	1.0	1.0
Vinyl chloride	<1.0	ug/L	0.16	1.0	1.0
Bromomethane	<1.0	ug/L	0.59	1.0	1.0
Chloroethane	<1.0	ug/L	0.32	1.0	1.0
Trichlorofluoromethane	<1.0	ug/L	0.14	1.0	1.0
1,1-Dichloroethene	<1.0	ug/L	0.25	1.0	1.0
Carbon disulfide	<5.0	ug/L	0.15	5.0	1.0
Acetone	<5.0	ug/L	1.4	5.0	1.0
Methylene Chloride	<1.0	ug/L	0.24	1.0	1.0
trans-1,2-Dichloroethene	<1.0	ug/L	0.29	1.0	1.0
1,1-Dichloroethane	<1.0	ug/L	0.15	1.0	1.0
2,2-Dichloropropane	<1.0	ug/L	0.17	1.0	1.0
cis-1,2-Dichloroethene	<1.0	ug/L	0.20	1.0	1.0
2-Butanone (MEK)	<5.0	ug/L	1.0	5.0	1.0
Bromochloromethane	<1.0	ug/L	0.27	1.0	1.0
Chloroform	<1.0	ug/L	0.14	1.0	1.0
1,1,1-Trichloroethane	<1.0	ug/L	0.17	1.0	1.0
1,1-Dichloropropene	<1.0	ug/L	0.38	1.0	1.0
Carbon tetrachloride	<1.0	ug/L	0.34	1.0	1.0
1,2-Dichloroethane	<1.0	ug/L	0.25	1.0	1.0
Trichloroethene	<1.0	ug/L	0.13	1.0	1.0
1,2-Dichloropropane	<1.0	ug/L	0.19	1.0	1.0
Dibromomethane	<1.0	ug/L	0.21	1.0	1.0
Bromodichloromethane	<1.0	ug/L	0.22	1.0	1.0
cis-1,3-Dichloropropene	<1.0	ug/L	0.15	1.0	1.0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	0.92	5.0	1.0
Toluene	<1.0	ug/L	0.18	1.0	1.0
trans-1,3-Dichloropropene	<1.0	ug/L	0.16	1.0	1.0
1,1,2-Trichloroethane	<1.0	ug/L	0.24	1.0	1.0
Tetrachloroethene	<1.0	ug/L	0.18	1.0	1.0
1,3-Dichloropropane	<1.0	ug/L	0.22	1.0	1.0
2-Hexanone	<5.0	ug/L	0.99	5.0	1.0
Dibromochloromethane	<1.0	ug/L	0.22	1.0	1.0
1,2-Dibromoethane	<1.0	ug/L	0.33	1.0	1.0
Chlorobenzene	<1.0	ug/L	0.15	1.0	1.0
1,1,1,2-Tetrachloroethane	<1.0	ug/L	0.33	1.0	1.0
Ethylbenzene	<1.0	ug/L	0.21	1.0	1.0
m&p-Xylene	<2.0	ug/L	0.36	2.0	1.0