# Quarterly Groundwater Monitoring Report

Prepared for

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

Hampstead, Maryland

October 2009

Prepared by

**WESTON SOLUTIONS, INC.**

**West Chester, Pennsylvania 19380-1499**

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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 2009.

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 2009, the extraction wells were pumping at an average combined rate of approximately 168 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 2009 are included in Appendix B.

## 2.3 GROUNDWATER QUALITY DATA

For the reporting period of July through September 2009, approximately 19 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) (85.8 %) and tetrachloroethene (PCE) (14.2 %). Analytical results of the groundwater collected from the air stripper for the period of July through September 2009 are included in Appendix C.

A summary of the analytical results from the third quarter (August 2009) 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 2009**
**Black & Decker**
**Hampstead, Maryland**

| Date | Water Pumped (gallons) |
|---|---|
| **July 2009** | 7,060,251 |
| **August 2009** | 6,837,783 |
| **September 2009** | 6,091,665 |

**Table 2-2**
**Groundwater Elevation Data - 3rd Quarter 2009**
**Black & Decker**
**Hampstead, Maryland**

| WELL NO. | TOC ELEV. | TOTAL DEPTH | 7/16/2009 | | 8/18/2009 | | 9/25/2009 | |
|---|---|---|---|---|---|---|---|---|
| | | | DTW | ELEV | DTW | ELEV | DTW | ELEV |
| EW-1 | 847.21 | 55 | DRY | NC | DRY | NC | DRY | NC |
| EW-2 | 849.21 | 110 | 74.11 | 775.10 | 76.47 | 772.74 | 75.81 | 773.40 |
| EW-3 | 846.64 | 118 | 81.00 | 765.64 | 78.11 | 768.53 | 80.70 | 765.94 |
| EW-4 | 858.01 | 97.5 | PC | NC | PC | NC | PC | NC |
| EW-5 | 864.17 | 98 | 68.47 | 795.70 | 75.45 | 788.72 | 69.11 | 795.06 |
| EW-6 | 831.98 | 115 | 103.43 | 728.55 | 102.85 | 729.13 | 102.87 | 729.11 |
| EW-7 | 818.38 | 78 | 72.22 | 746.16 | 71.80 | 746.58 | 71.80 | 746.58 |
| EW-8 | 811.13 | 98 | 93.34 | 717.79 | 91.75 | 719.38 | 93.41 | 717.72 |
| EW-9 | 811.35 | 141 | 101.42 | 709.93 | 102.79 | 708.56 | 101.50 | 709.85 |
| EW-10 | 807.74 | INA | 53.63 | 754.11 | 52.07 | 755.67 | 54.64 | 753.10 |
| RFW-1A | 864.37 | 78 | 50.70 | 813.67 | 50.81 | 813.56 | 50.74 | 813.63 |
| RFW-1B | 864.23 | 200 | 50.72 | 813.51 | 50.85 | 813.38 | 50.76 | 813.47 |
| RFW-2A | 857.41 | 35 | 14.26 | 843.15 | 16.58 | 840.83 | 16.02 | 841.39 |
| RFW-2B | 857.73 | 75 | 14.83 | 842.90 | 17.30 | 840.43 | 16.83 | 840.90 |
| RFW-3B | 839.21 | 153 | 35.88 | 803.33 | 35.43 | 803.78 | 35.52 | 803.69 |
| RFW-4A | 830.37 | 62 | 35.98 | 794.39 | 36.98 | 793.39 | 36.03 | 794.34 |
| RFW-4B | 830.37 | 120 | 36.06 | 794.31 | 37.02 | 793.35 | 36.21 | 794.16 |
| RFW-5A | 817.50 | 30 | DRY | NC | DRY | NC | DRY | NC |
| RFW-6 | 785.04 | 120 | 4.22 | 780.82 | 4.33 | 780.71 | 4.19 | 780.85 |
| RFW-7 | 805.14 | 29 | 7.90 | 797.24 | 7.17 | 797.97 | 7.67 | 797.47 |
| RFW-8 | 860.07 | 56 | DRY | NC | DRY | NC | DRY | NC |
| RFW-9 | 862.02 | 49 | 26.62 | 835.40 | 26.40 | 835.62 | 26.57 | 835.45 |
| RFW-10 | 852.06 | 58 | DRY | NC | DRY | NC | DRY | NC |
| RFW-11A | 849.32 | 72 | Damaged | NC | Damaged | NC | Damaged | NC |
| RFW-11B | 849.62 | 116 | 66.26 | 783.36 | 66.20 | 783.42 | 66.82 | 782.80 |
| RFW-12B | 844.87 | 264 | 48.92 | 795.95 | 50.30 | 794.57 | 50.61 | 794.26 |
| RFW-13 | 849.11 | 150 | 64.83 | 784.28 | 65.72 | 783.39 | 65.94 | 783.17 |
| RFW-14B | 812.39 | 281 | 53.42 | 758.97 | 47.41 | 764.98 | 47.39 | 765.00 |
| RFW-16 | 856.14 | 41 | DRY | NC | DRY | NC | DRY | NC |
| RFW-17 | 834.66 | 60.5 | 27.56 | 807.10 | 26.87 | 807.79 | 27.41 | 807.25 |
| RFW-20 | 842.49 | 142 | 35.89 | 806.60 | 34.98 | 807.51 | 34.77 | 807.72 |
| RFW-21 | 832.65 | 102 | 23.06 | 809.59 | 22.65 | 810.00 | 22.61 | 810.04 |
| PH-7 | 805.94 | 89 | 34.26 | 771.68 | 29.36 | 776.58 | 29.41 | 776.53 |
| PH-9 | 814.94 | 98 | 57.41 | 757.53 | 55.40 | 759.54 | 56.00 | 758.94 |
| PH-11 | 820.68 | 78 | 49.98 | 770.70 | 50.86 | 769.82 | 50.74 | 769.94 |
| PH-12 | 828.35 | 87 | 52.80 | 775.55 | 53.51 | 774.84 | 53.21 | 775.14 |
| B-3 | 803.02 | 83 | 9.86 | 793.16 | 10.41 | 792.61 | 9.74 | 793.28 |
| Amoco | 842.29 | INA | NA | NC | NA | NC | NA | NC |
| Hamp. Town #22 | 804.96 | INA | 26.41 | 778.55 | 19.78 | 785.18 | 6.11 | 798.85 |
| Pembroke #1 | INA | INA | 11.40 | NC | 12.52 | NC | 11.84 | NC |
| Pembroke #2 | INA | INA | Damaged | NC | Damaged | NC | Damaged | NC |
| N. Houcks. Rd. | INA | INA | 9.80 | NC | 11.34 | NC | 9.60 | NC |
| E. Century St. | INA | INA | 19.49 | NC | 19.36 | NC | 19.20 | NC |
| Lwr. Beckleys. Rd. | INA | INA | 54.32 | NC | 54.64 | NC | 54.81 | NC |

NA - Not Available/Not Accessible
NC - Not Calculable
INA - Information not available
PC - Pump Cycles

**Table 2-3**
**Effluent Characteristics Summary - 3rd Quarter 2009**
**Black & Decker**
**Hampstead, Maryland**

| Discharge Number | Parameter | | Units | Permit Limits | DMR DATE | | |
|---|---|---|---|---|---|---|---|
| | | | | | July 2009 | August 2009 | September 2009 |
| 001 | FLOW | average | MGD | NA | 0.146 | 0.160 | 0.152 |
| | | maximum | MGD | NA | 0.199 | 0.607 | 0.196 |
| | 1,1,1-Trichloroethane | | ug/l | 5 | < 1 | < 1 | < 1 |
| | Tetrachloroethylene | | ug/l | 5 | < 1 | < 1 | < 1 |
| | Trichloroethylene | | ug/l | 5 | < 1 | < 1 | < 1 |
| | 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 | < 5 | < 5 | < 5 |
| | pH | minimum | STD | 6.0 | 6.20 | 6.40 | 6.30 |
| | | maximum | STD | 8.5 | 8.10 | 7.50 | 7.00 |
| | BOD | | mg/l | 15 | 3.0 | 7.0 | 9.0 |
| | TSS | maximum | mg/l | 30 | 7.0 | 9.0 | 12.0 |
| | | quarterly average | mg/l | 20 | 7.0 | 9.0 | 12.0 |
| 101 (Monitoring Point) | FLOW | average | MGD | NA | 0.285 | 0.238 | 0.239 |
| | | maximum | MGD | NA | 0.375 | 0.326 | 0.286 |
| | Fecal Coliform | | MPN/100ml | 200 | 2.0 | 1.0 | 1.0 |
| 201 (Monitoring Point) | FLOW | average | MGD | NA | NR | NR | 0.217 |
| | | maximum | MGD | NA | NR | NR | 0.278 |
| | 1,1,1-Trichloroethane | | ug/l | NA | NR | NR | < 1 |
| | Tetrachloroethylene | | ug/l | NA | NR | NR | < 1 |
| | Trichloroethylene | | ug/l | NA | NR | NR | < 1 |

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

# Table 2-4
## Summary of Groundwater Analytical Results - August 2009
## Black & Decker
## Hampstead, Maryland

| PARAMETER | Units | EW-1 | EW-2 | EW-3 | EW-4 | EW-5 | EW-6 | EW-7 | EW-8 | EW-9 | EW-9 (DUP) | EW-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromomethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Vinyl Chloride | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloroethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methylene Chloride | ug/L | NS | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U |
| Acetone | ug/L | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Carbon Disulfide | ug/L | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1-Dichloroethene | ug/L | NS | 1 U | 1 U | 1 U | 0.5 J | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethene (total) | ug/L | NS | 3.5 | 2.4 | 1 U | 1 U | 1 U | 5.9 | 19 | 1 U | 1 U | 1 U |
| Chloroform | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 2-Butanone | ug/L | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 1,1,1-Trichloroethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon Tetrachloride | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromodichloromethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Trichloroethene | ug/L | NS | 400 | 120 | 950 | 170 | 11 | 4.7 | 8.6 | 1.1 | 1 | 1 U |
| Dibromochloromethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Benzene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Trans-1,3-Dichloropropene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromoform | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| 4-Methyl-2-pentanone | ug/L | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| 2-Hexanone | ug/L | NS | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U |
| Tetrachloroethene | ug/L | NS | 61 | 3 | 16 | 6.9 | 16 | 8.6 | 53 | 110 | 98 | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Toluene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chlorobenzene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Ethylbenzene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Styrene | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Xylene (total) | ug/L | NS | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |

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

J = Indicates an estimated value.

# Table 2-4
## Summary of Groundwater Analytical Results - August 2009
## Black & Decker
## Hampstead, Maryland

| PARAMETER | Units | RFW-1A | RFW-1B | RFW-2A | RFW-2B | RFW-3B | RFW-4A | RFW-4A (DUP) | RFW-4B | RFW-5A | RFW-6 | RFW-7 | RFW-8 | RFW-9 | RFW-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Bromomethane | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Vinyl Chloride | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Chloroethane | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Methylene Chloride | ug/L | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | 2 U | NS | 2 U | 2 U | NS | 2 U | NS |
| Acetone | ug/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | NS | 5 U | 5 U | NS | 5 U | NS |
| Carbon Disulfide | ug/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | NS | 5 U | 5 U | NS | 5 U | NS |
| 1,1-Dichloroethene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1.1 | 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 | 3.7 | 1 U | 1 U | 3.7 | NS | 1 U | 1 U | NS | 16 | NS |
| Chloroform | 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-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 U | 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 | 1.2 | 1.6 | 1 U | 23 | 23 | 15 | NS | 2.2 | 4.4 | NS | 15 | NS |
| Dibromochloromethane | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| 1,1,2-Trichloroethane | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Benzene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Trans-1,3-Dichloropropene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Bromoform | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| 4-Methyl-2-pentanone | ug/L | 5 U | 5 U | 5 U | 1 U | 5 U | 5 U | 5 U | 5 U | NS | 5 U | 5 U | NS | 5 U | NS |
| 2-Hexanone | ug/L | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | 5 U | NS | 5 U | 5 U | NS | 5 U | NS |
| Tetrachloroethene | ug/L | 1 U | 1 U | 1 U | 1 U | 1.4 | 13 | 13 | 31 | NS | 2.4 | 1 U | NS | 6.9 | NS |
| 1,1,2,2-Tetrachloroethane | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Toluene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Chlorobenzene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Ethylbenzene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Styrene | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |
| Xylene (total) | ug/L | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U | NS | 1 U | 1 U | NS | 1 U | NS |

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 2009
## Black & Decker
## Hampstead, Maryland

| PARAMETER | Units | RFW-11A | RFW-11B | RFW-12B | RFW-13 | RFW-16 | RFW-17 | Leister Dairy | Leister Res. #1 | Leister Res. #2 | Trip Blank | RFW-20 | RFW-21 | Town #22 | Town #23 | Trip Blank |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | USEPA drinking water method 524.2 | | | | |
| Chloromethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromomethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Vinyl Chloride | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 1 U | 1 U | 1 U | 1 U | 1 U |
| Methylene Chloride | ug/L | NS | 2 U | 2 U | 2 U | NS | 2 U | ABD | ABD | ABD | 2 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Acetone | ug/L | NS | 5 U | 5 U | 5 U | NS | 5 U | ABD | ABD | ABD | 5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Carbon Disulfide | ug/L | NS | 5 U | 5 U | 5 U | NS | 5 U | ABD | ABD | ABD | 5 U | NA | NA | NA | NA | NA |
| 1,1-Dichloroethene | ug/L | NS | 1 U | 0.7 J | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1-Dichloroethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethene (total) | ug/L | NS | 1 U | 2.6 | 1 J | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chloroform | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloroethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 2-Butanone | ug/L | NS | 5 U | 5 U | 5 U | NS | 5 U | ABD | ABD | ABD | 5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 1,1,1-Trichloroethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Carbon Tetrachloride | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromodichloromethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichloropropane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| cis-1,3-Dichloropropene | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethene | ug/L | NS | 8.8 | 440 | 3.5 | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 J | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Dibromochloromethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloroethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Benzene | ug/L | NS | 1 U | 1 U | 1 U | NS | 0.6 J | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Trans-1,3-Dichloropropene | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 4-Methyl-2-pentanone | ug/L | NS | 5 U | 5 U | 5 U | NS | 5 U | ABD | ABD | ABD | 5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| 2-Hexanone | ug/L | NS | 5 U | 5 U | 5 U | NS | 5 U | ABD | ABD | ABD | 5 U | 10 U | 10 U | 10 U | 10 U | 10 U |
| Tetrachloroethene | ug/L | NS | 1 U | 36 | 17 | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2,2-Tetrachloroethane | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Toluene | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Chlorobenzene | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Ethylbenzene | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Styrene | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| Xylene (total) | ug/L | NS | 1 U | 1 U | 1 U | NS | 1 U | ABD | ABD | ABD | 1 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

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

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 2009) is provided in Table 3-1. This table is comprehensive in summarizing significant maintenance events or activities, while not including those activities considered unworthy of note (such as replacement of light bulbs, lubrication of moving parts as appropriate or other routine activities).

**Table 3-1**
**Treatment System Maintenance Activities - 3rd Quarter 2009**
**Black & Decker**
**Hampstead, Maryland**

| Date | Event/Corrective Action |
|---|---|
| **Jul-09** | Alarm at air stripper due to a power outage, reset the system. System back online. |
| **Aug-09** | Alarm at air stripper due to high wet well, reset the system. System back online. |
| **Aug-09** | Alarm at air stripper due to a power outage, reset the system. System back online. |
| **Sep '09** | Alarm at air stripper due high column and blower failure. Reset everything, system back online. |
| **Sep-09** | Alarm at air stripper due to high wet well, reset the system. System back online. |
| **Sep-09** | Had to shut the air stripper down to repair a leak on the 1 1/2 bypass line. The air stripper was down 4-5 hours. |
| **Sep-09** | EW-7 is not pumping. The motor is not working. Order a new pump motor, pull old pump, bleach well and install a new pump motor. The well was down 3 days, the well is back online. |
| **Sep-09** | Alarm at air stripper due to a power outage, reset the system. System back online. |

# 4. RECOMMENDATIONS

For the reporting period of July through September 2009, the treatment system continued to create a hydraulic boundary preventing off-site migration of groundwater. The extraction system will continue to operate as currently configured to pump and treat contaminated groundwater. Depth-to-water measurements will continue to be collected on a monthly basis in all site monitor wells to construct a groundwater elevation contour map for the site. The groundwater elevation contour map will be used to verify that the required area of groundwater capture is being maintained. If necessary, pumping rates will be adjusted to maintain groundwater capture due to seasonal fluctuations in groundwater elevations. The treatment system will also continue to operate as currently configured, as data collected have proven that the treatment system is fully effective in removing VOCs from the extracted groundwater.

# APPENDIX A
# GROUNDWATER TREATMENT SYSTEM PUMPING RECORDS
# (JULY – SEPTEMBER 2009)

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

Operated By
Maryland Environmental Service
259 Najoles Road, Millersville MD

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

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

Certification # 1017

Month: July
Year: 2009

| | Final Effluent outfall 001 | | | | | | | | | | | Outfall 101 | | | | | | Outfall 201 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Appearance | Discharge MGD | pH su | Cl2 mg/l | Tetrachloroethylene ug/l | 1,1,1-Trichloroethane ug/l | Trichloroethene ug/l | $BOD_5$ mg/l | TSS mg/l | O&G mg/l | Flow MGD | Fecal mpn | Basin Inches | Alum Gpd | Hypochlorite Gpd | Post Cl2 mg/l | Tetrachloroethylene ug/l | 1,1,1-Trichloroethane ug/l | Trichloroethene ug/l | Discharge mgd | Operator |
| 1 | clear | 0.17600 | | | < 1.00 | < 1.00 | < 1.00 | 3.0 | 7.0 | < 5.0 | 0.310000 | < 1.8 | 0.0 | 10.0 | 2.0 | 5.0 | < 1.0 | < 1.0 | < 1.0 | 0.241975 | djones |
| 2 | clear | 0.19900 | 6.60 | | | | | | | | 0.348000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.232913 | djones |
| 3 | clear | 0.17400 | | | | | | | | | 0.300000 | | 0.0 | 20.0 | 2.0 | 5.0 | | | | 0.219398 | ssteedman |
| 4 | clear | 0.18300 | | | | | | | | | 0.314000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.233527 | gdickerson |
| 5 | clear | 0.18800 | | | | | | | | | 0.297000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.246119 | gdickerson |
| 6 | clear | 0.16600 | | | | | | | | | 0.251000 | | 0.0 | 10.0 | 2.0 | 5.0 | | | | 0.232426 | djones |
| 7 | clear | 0.16800 | | | | | | | | | 0.260000 | | 0.0 | 10.0 | 1.0 | 5.0 | | | | 0.209927 | djones |
| 8 | clear | 0.16800 | 8.08 | 0.00 | | | | | | | 0.273000 | < 1.8 | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.224129 | djones |
| 9 | clear | 0.18600 | | | | | | | | | 0.302000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.256313 | gdickerson |
| 10 | clear | 0.17700 | 6.75 | 0.00 | | | | | | | 0.318000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.220363 | djones |
| 11 | clear | 0.17100 | | | | | | | | | 0.301000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.229076 | ssteedman |
| 12 | clear | 0.16900 | | | | | | | | | 0.288000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.242964 | ssteedman |
| 13 | clear | 0.16400 | | | | | | | | | 0.285000 | | 0.0 | 3.0 | 1.0 | 5.0 | | | | 0.230685 | djones |
| 14 | clear | 0.18600 | 8.13 | 0.00 | | | | | | | 0.323000 | | 0.0 | 3.0 | 1.0 | 5.0 | | | | 0.231334 | djones |
| 15 | clear | 0.15100 | | | | | | | | | 0.280000 | < 1.8 | 0.0 | 3.0 | 1.0 | 5.0 | | | | 0.214925 | ssteedman |
| 16 | clear | 0.17000 | 7.01 | 0.00 | | | | | | | 0.305000 | | 0.0 | 3.0 | 1.0 | 5.0 | | | | 0.222355 | djones |
| 17 | clear | 0.11700 | | | | | | | | | 0.330000 | | 0.0 | 3.0 | 1.0 | 5.0 | | | | 0.243125 | djones |
| 18 | clear | 0.10400 | | | | | | | | | 0.286000 | | 0.0 | 4.0 | 1.0 | 5.0 | | | | 0.220533 | djones |
| 19 | clear | 0.10900 | | | | | | | | | 0.292000 | | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.240588 | djones |
| 20 | clear | 0.09500 | | | | | | | | | 0.286000 | | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.216811 | mwhitt |
| 21 | clear | 0.11900 | 6.23 | 0.00 | | | | | | | 0.301000 | | 0.0 | 1.0 | 2.0 | 5.0 | | | | 0.251584 | ssteedman |
| 22 | clear | 0.10800 | | | | | | | | | 0.375000 | < 1.8 | 0.0 | 1.0 | 1.0 | 5.0 | | | | 0.225667 | djones |
| 23 | clear | 0.19900 | 7.04 | 0.00 | | | | | | | 0.286000 | | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.232952 | ssteedman |
| 24 | clear | 0.10300 | | | | | | | | | 0.193000 | | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.173729 | ssteedman |
| 25 | clear | 0.09900 | | | | | | | | | 0.212000 | | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.211948 | dsmith |
| 26 | clear | 0.13500 | | | | | | | | | 0.237000 | | 0.0 | 2.0 | 2.0 | 5.0 | | | | 0.220189 | dsmith |
| 27 | clear | 0.11700 | | | | | | | | | 0.229000 | | 0.0 | 2.0 | 2.0 | 5.0 | | | | 0.249888 | ssteedman |
| 28 | clear | 0.08900 | 6.87 | 0.00 | | | | | | | 0.274000 | | 0.0 | 4.0 | 2.0 | 5.0 | | | | 0.205242 | djones |
| 29 | clear | 0.12500 | | | | | | | | | 0.255000 | 2.0 | 0.0 | 3.0 | 2.0 | 3.2 | | | | 0.223887 | djones |
| 30 | clear | 0.10800 | | | | | | | | | 0.257000 | | 0.0 | 3.0 | 2.0 | 5.0 | | | | 0.248819 | djones |
| 31 | clear | 0.11000 | 6.55 | 0.00 | | | | | | | 0.252000 | | 0.0 | 2.0 | 2.0 | 5.0 | | | | 0.206860 | djones |
| Total | | 4.53300 | | | | | | | | | 8.820000 | | | | | | | | | 7.060251 | |
| Average | | 0.14623 | 7.0 | <0.10 | 0 | 0 | 0 | 3 | 7 | 0 | 0.284516 | 1 | 0.0 | 4.4 | 1.5 | 4.9 | 0 | 0 | 0 | 0.227750 | |
| Minimum | | 0.08900 | 6.2 | 0.00 | 0 | 0 | 0 | 3 | 7 | 0 | 0.193000 | 1 | 0.0 | 1.0 | 1.0 | 3.2 | 0 | 0 | 0 | 0.173729 | |
| Maximum | | 0.19900 | 8.1 | <0.10 | 0 | 0 | 0 | 3 | 7 | 0 | 0.375000 | 2 | 0.0 | 20.0 | 2.0 | 5.0 | 0 | 0 | 0 | 0.256313 | MOR 5-11-09 |

**COMMENTS:**

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

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

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

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

Certification # 1017

Month: August
Year: 2009

| Final Effluent outfall 001 | | | | | | | | | | | Outfall 101 | | | | | | Outfall 201 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Appearance | Discharge MGD | pH su | Cl2 mg/l | Tetrachloroethylene ug/l | 1,1,1-Trichloroethane ug/l | Trichloroethene ug/l | $BOD_5$ mg/l | TSS mg/l | O&G mg/l | Flow MGD | Fecal mpn | Basin Inches | Alum Gpd | Hypochlorite Gpd | Post Cl2 mg/l | Tetrachloroethylene ug/l | 1,1,1-Trichloroethane ug/l | Trichloroethene ug/l | Discharge mgd | Operator |
| 1 | clear | 0.10300 | | | | | | | | | 0.236000 | | 0.0 | 3.0 | 2.0 | 5.0 | | | | 0.219802 | ssteedman |
| 2 | clear | 0.10900 | | | | | | | | | 0.238000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.224999 | ssteedman |
| 3 | clear | 0.09500 | | | | | | | | | 0.218000 | | 0.0 | 2.0 | 2.0 | 5.0 | | | | 0.219698 | djones |
| 4 | clear | 0.09400 | 6.43 | 0.00 | | | | | | | 0.214000 | | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.197899 | djones |
| 5 | clear | 0.10200 | | | < 1.00 | < 1.00 | < 1.00 | 7.0 | 9.0 | < 5.0 | 0.257000 | < 1.8 | 0.0 | 2.0 | 1.0 | 5.0 | | | | 0.229804 | djones |
| 6 | clear | 0.10300 | 6.91 | 0.00 | | | | | | | 0.218000 | | 0.0 | 6.0 | 1.0 | 5.0 | | | | 0.247020 | djones |
| 7 | clear | 0.10500 | | | | | | | | | 0.262000 | | 0.0 | 10.0 | 1.0 | 5.0 | | | | 0.224009 | djones |
| 8 | clear | 0.09000 | | | | | | | | | 0.219000 | | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.208460 | djones |
| 9 | clear | 0.09400 | | | | | | | | | 0.215000 | | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.225858 | djones |
| 10 | clear | 0.09100 | | | | | | | | | 0.208000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.193415 | mwhitt |
| 11 | clear | 0.11000 | 7.41 | 0.00 | | | | | | | 0.256000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.256485 | ssteedman |
| 12 | clear | 0.08800 | | | | | | | | | 0.207000 | < 1.8 | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.197088 | djones |
| 13 | clear | 0.17900 | 7.50 | 0.00 | | | | | | | 0.243000 | | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.248914 | djones |
| 14 | clear | 0.12800 | | | | | | | | | 0.199000 | | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.164465 | djones |
| 15 | clear | 0.15600 | | | | | | | | | 0.216000 | | 0.0 | 3.0 | 0.5 | 5.0 | | | | 0.219429 | dsmith |
| 16 | clear | 0.17600 | | | | | | | | | 0.252000 | | 0.0 | 2.0 | 0.5 | 5.0 | | | | 0.271871 | dsmith |
| 17 | clear | 0.14500 | | | | | | | | | 0.208000 | | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.205895 | djones |
| 18 | clear | 0.17500 | 7.45 | 0.00 | | | | | | | 0.216000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.236588 | djones |
| 19 | clear | 0.12800 | | | | | | | | | 0.235000 | < 1.8 | 0.0 | 10.0 | 1.0 | 5.0 | | | | 0.192248 | djones |
| 20 | clear | 0.16400 | 7.20 | 0.00 | | | | | | | 0.273000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.232673 | djones |
| 21 | clear | 0.13600 | | | | | | | | | 0.236000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.171709 | djones |
| 22 | clear | 0.15900 | | | | | | | | | 0.266000 | | 0.0 | 5.0 | 0.5 | 5.0 | | | | 0.218306 | dsmith |
| 23 | clear | 0.19800 | | | | | | | | | 0.326000 | | 0.0 | 10.0 | 0.5 | 5.0 | | | | 0.278379 | dsmith |
| 24 | clear | 0.14000 | | | | | | | | | 0.244000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.213824 | djones |
| 25 | clear | 0.15800 | 7.15 | 0.00 | | | | | | | 0.294000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.221445 | djones |
| 26 | clear | 0.14500 | | | | | | | | | 0.274000 | < 1.8 | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.215700 | djones |
| 27 | clear | 0.60700 | 6.45 | 0.00 | | | | | | | 0.264000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.221678 | djones |
| 28 | clear | 0.47400 | | | | | | | | | 0.186000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.168616 | djones |
| 29 | clear | 0.19900 | | | | | | | | | 0.258000 | | 0.0 | 5.0 | 1.0 | 5.0 | | | | 0.249512 | djones |
| 30 | clear | 0.15600 | | | | | | | | | 0.232000 | | 0.0 | 10.0 | 2.0 | 5.0 | | | | 0.246533 | djones |
| 31 | clear | 0.15600 | | | | | | | | | 0.222000 | | 0.0 | 5.0 | 2.0 | 5.0 | | | | 0.215461 | ssteedman |
| Total | | 4.96300 | | | | | | | | | 7.392000 | | | | | | | | | 6.837783 | |
| Average | | 0.16010 | 7.1 | <0.10 | 0 | 0 | 0 | 7 | 9 | 0 | 0.238452 | 1 | 0.0 | 5.2 | 1.0 | 5.0 | #DIV/0! | #DIV/0! | #DIV/0! | 0.220574 | |
| Minimum | | 0.08800 | 6.4 | 0.00 | 0 | 0 | 0 | 7 | 9 | 0 | 0.186000 | 1 | 0.0 | 2.0 | 0.5 | 5.0 | 0 | 0 | 0 | 0.164465 | |
| Maximum | | 0.60700 | 7.5 | <0.10 | 0 | 0 | 0 | 7 | 9 | 0 | 0.326000 | 1 | 0.0 | 10.0 | 2.0 | 5.0 | 0 | 0 | 0 | 0.278379 | MOR 5-11-09 |

COMMENTS:

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

Superintendent: Earle Villarreal  Certification # 1017

# Black & Decker WTP

**PWSID # 106 0004** County: Carroll  Month: September

Operated by
Maryland Environmental Service

Address: BTR CAPITAL GROUP, Hampstead, MD 21073
625 Hanover Pike, Hampstead, Carroll County, Maryland  Year: 2009

| GENERAL (DOMESTIC WATER) | | | | CHEMICAL | | | | | | | MONITORING | | DISTRIBUTION | | | | RAW WATER | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Day | Weather | Flow meter reading @ | MGD Total FQIR | pH P.O.E | Free Cl2 | $Na_2CO_3$ Level | $Na_2CO_3$ (gpd) | NaOCL Level | NaOCL (gpd) | VOC'S (ppb) | Bacti Pos/Neg | pH su | TRC mg/l | DISTRIBUTION LOCATION | Operator Initials | pH su | TOTAL RAW WATER WELL (mgd) | Comments |
| 1 | tues | clr | 0 | 0.0051 | 7.5 | 0.95 | 42.00 | 2.00 | 46.00 | 0.00 | | | | | | mhitt | | 0.187661 | |
| 2 | wed | clr | 0 | 0.0053 | 7.0 | 1.25 | 40.00 | 2.00 | 46.00 | 0.00 | | | 6.70 | 0.94 | Eng Lab | djones | | 0.254199 | |
| 3 | thur | clr | 0 | 0.0048 | 7.3 | 1.01 | 38.00 | 2.00 | 46.00 | 0.00 | | | | | | djones | | 0.221039 | |
| 4 | fri | clr | 0 | 0.0000 | 7.2 | 1.31 | 36.00 | 0.00 | 46.00 | 0.00 | | | 7.2 | 0.89 | Admin 1st Fl | djones | 5.14 | 0.164546 | |
| 5 | sat | clr | 0 | 0.0026 | 7.2 | 1.30 | 36.00 | 1.00 | 46.00 | 0.00 | | | | | | dsmith | | 0.220786 | |
| 6 | sun | clr | 0 | 0.0000 | 7.3 | 1.30 | 35.00 | 0.00 | 46.00 | 0.00 | | | | | | dsmith | | 0.247967 | |
| 7 | mon | cldy | 0 | 0.0037 | 7.5 | 1.01 | 35.00 | 2.00 | 46.00 | 0.00 | | | | | | djones | | 0.233790 | |
| 8 | tues | cldy | 0 | 0.0055 | 7.0 | 1.31 | 33.00 | 2.00 | 46.00 | 0.00 | | | 7.1 | 1.22 | Admin 1st Fl | djones | | 0.202460 | |
| 9 | wed | cldy | 0 | 0.0052 | 7.3 | 1.30 | 31.00 | 1.00 | 46.00 | 0.00 | | | 8.1 | 1.09 | Eng Lab | djones | 5.10 | 0.238334 | |
| 10 | thur | cldy | 0 | 0.0056 | 7.2 | 1.26 | 30.00 | 2.00 | 46.00 | 0.00 | | | | | | djones | | 0.222355 | |
| 11 | fri | rain | 0 | 0.0000 | 7.6 | 1.22 | 28.00 | 0.00 | 46.00 | 0.00 | | | 7.7 | 0.89 | Admin 2nd Fl | gd | | 0.156739 | |
| 12 | sat | rain | 0 | 0.0000 | 7.2 | 1.16 | 28.00 | 0.00 | 46.00 | 0.00 | | | | | | djones | | 0.240071 | |
| 13 | sun | clr | 0 | 0.0050 | 7.0 | 1.10 | 28.00 | 3.00 | 46.00 | 0.00 | | | | | | ss | | 0.207541 | |
| 14 | mon | clr | 0 | 0.0058 | 7.4 | 1.22 | 25.00 | 1.00 | 46.00 | 0.00 | | | 7.0 | 1.09 | Admin 1st Fl | djones | | 0.181226 | |
| 15 | tues | clr | 0 | 0.0024 | 7.3 | 1.26 | 24.00 | 1.00 | 46.00 | 0.00 | | | | | | djones | | 0.165284 | |
| 16 | wed | cldy | 0 | 0.0054 | 7.3 | 1.22 | 23.00 | 2.00 | 46.00 | 0.00 | | | 6.7 | 0.82 | Eng Lab | djones | 4.95 | 0.187201 | |
| 17 | thur | rain | 0 | 0.0051 | 7.1 | 1.43 | 41.00 | 2.00 | 46.00 | 0.00 | | | | | | djones | | 0.204754 | |
| 18 | fri | cldy | 0 | 0.0000 | 7.4 | 1.27 | 39.00 | 0.00 | 46.00 | 0.00 | | | 7.2 | 1.02 | Admin 2nd Fl | djones | | 0.143305 | |
| 19 | sat | clr | 0 | 0.0024 | 7.4 | 1.12 | 38.00 | 1.00 | 46.00 | 0.00 | | | | | | djones | | 0.219542 | |
| 20 | sun | clr | 0 | 0.0029 | 7.4 | 1.17 | 38.00 | 0.00 | 46.00 | 0.00 | | | | | | djones | | 0.210844 | |
| 21 | mon | clr | 0 | 0.0051 | 7.6 | 1.22 | 38.00 | 2.00 | 46.00 | 0.00 | | | 7.8 | 1.09 | Admin 1st Fl | gd | | 0.193094 | |
| 22 | tues | clr | 0 | 0.0027 | 7.4 | 1.05 | 36.00 | 1.00 | 46.00 | 0.00 | | | | | | gd | | 0.176037 | |
| 23 | wed | cldy | 0 | 0.0050 | 7.2 | 1.12 | 35.00 | 2.00 | 46.00 | 0.00 | | | 7.1 | 0.75 | Eng Lab | djones | 5.05 | 0.225533 | |
| 24 | thur | cldy | 0 | 0.0030 | 6.9 | 1.10 | 33.00 | 1.00 | 46.00 | 0.00 | | | | | | djones | | 0.200938 | |
| 25 | fri | clr | 0 | 0.0024 | 7.2 | 1.14 | 32.00 | 1.00 | 46.00 | 0.00 | | | 7.1 | 0.88 | Admin 2nd Fl | djones | | 0.149524 | |
| 26 | sat | cldy | 0 | 0.0000 | 7.2 | 1.10 | 31.00 | 0.00 | 46.00 | 0.00 | | | | | | dsmith | | 0.197373 | |
| 27 | sun | clr | 0 | 0.0025 | 7.1 | 1.05 | 31.00 | 1.00 | 46.00 | 0.00 | | | | | | dsmith | | 0.243651 | |
| 28 | mon | cldy | 0 | 0.0049 | 7.1 | 1.00 | 30.00 | 1.00 | 46.00 | 0.00 | | | 7.0 | 0.80 | Admin 1st Fl | djones | | 0.195488 | |
| 29 | tues | cldy | 0 | 0.0024 | 7.2 | 1.24 | 29.00 | 1.00 | 46.00 | 0.00 | | | | | | djones | | 0.171457 | |
| 30 | wed | cldy | 0 | 0.0053 | 7.1 | 1.20 | 28.00 | 1.00 | 46.00 | 0.00 | | | 6.7 | 0.62 | Eng Lab | djones | | 0.228926 | |
| 31 | | | 0 | | | | | | | | | | | | | | | | |
| Total | | | | 0.1001 | 217.4 | 35.39 | 991.0 | 35.00 | 1380.0 | 0.00 | 0.0 | 0.0 | 93 | 12 | | | | 6.091665 | |
| Average | | | | 0.0033 | 7.25 | 1.18 | 33.03 | 1.17 | 46.00 | 0.00 | 0.0 | 0.0 | 7.17 | 0.93 | | | | 0.203056 | |
| Minimum | | | | 0.0000 | 6.86 | 0.95 | 23.00 | 0.00 | 46.00 | 0.00 | 0.0 | 0.0 | 6.70 | 0.62 | | | | 0.143305 | MOR |
| Maximum | | | | 0.0058 | 7.61 | 1.43 | 42.00 | 3.00 | 46.00 | 0.00 | 0.0 | 0.0 | 8.07 | 1.22 | | | | 0.254199 | 12/04/08 |

# APPENDIX B
# DISCHARGE MONITORING REPORTS
# (JULY - SEPTEMBER 2009)

ERMITTEE NAME/ADDRESS *(Include acility Name/Location if different)*
AME AG/GFI Hampstead, Inc
DDRESS 626 Hanover Pike
Hampstead, MD 21074
ACILITY Black and Decker WWTP
OCATION 626 Hanover Pike
TTN

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT *(DMR)*
*(2-16)* *(17-19)*

MD0001881 — PERMIT NUMBER
001 — DISCHARGE NUMBER

State Discharge Permit
02-DP-0022

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

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 07 | 01 | TO | 09 | 07 | 31 |
| | *(20-21)* | *(22-23)* | *(24-25)* | | *(26-27)* | *(28-29)* | *(30-31)* |

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

| PARAMETER *(32-37)* | | *(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | *(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM | *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | NO. EX *(62-63)* | FREQUENCY OF ANALYSIS *(64-68)* | SAMPLE TYPE *(69-70)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 3 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 15 ****** | | | ONE/ MONTH | GRAB |
| PH 00400 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | 6.2 | ****** | 8.1 | ( 12) SU | 0 | TWO/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | 6.0 | ****** | 8.5 | | | TWO/ WEEK | GRAB |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | 7 | 7 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | 20 | 30 | | | ONE/ MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 146226 | 199000 | ( 07) GPD | ****** | ****** | ****** | **** | 0 | MEASURED | RECORD |
| | PERMIT REQUIREMENT | REPORT | REPORT | | ****** | ****** | ****** | | | MEASURED | RECORD |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | <0.1 | <0.1 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | 0.011 | 0.019 | | | ONE/ MONTH | GRAB |
| TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 0 | ug/l | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 5 | | | ONE/ MONTH | GRAB |
| 1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 0 | ug/l | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 5 | | | ONE/ MONTH | GRAB |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Jim Harkins, Director MES
TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

| TELEPHONE | | DATE | | |
|---|---|---|---|---|
| 410 | 729-8350 | 09 | 08 | 21 |
| AREA CODE | NUMBER | YEAR | MO | DAY |

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

ERMITTEE NAME/ADDRESS *(Include acility Name/Location if different)*
AME AG/GFI Hampstead, Inc
DDRESS 626 Hanover Pike
Hampstead, MD 21074
ACILITY Black and Decker WWTP
OCATION 626 Hanover Pike
TTN

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT *(DMR)*
*(2-16)* *(17-19)*

MD0001881 PERMIT NUMBER | 001 DISCHARGE NUMBER

**State Discharge Permit**
**02-DP-0022**

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

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 07 | 01 | TO | 09 | 07 | 31 |
| | *(20-21)* | *(22-23)* | *(24-25)* | | *(26-27)* | *(28-29)* | *(30-31)* |

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

| PARAMETER *(32-37)* | | *(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | *(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM | *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | NO. EX *(62-63)* | FREQUENCY OF ANALYSIS *(64-68)* | SAMPLE TYPE *(69-70)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TRICHLOROETHENE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | ****** | 0 | | 0 | ONE/ MONTH | GRAB |
| 39141 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | ****** | 5 | ug/l | | ONE/ MONTH | GRAB |
| OIL AND GREASE TOTAL RECOVERABLE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | 0 | 0 | ( 19) | 0 | ONE/ MONTH | GRAB |
| 00030 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | 10 ****** | 15 ****** | MG/L | | ONE/ MONTH | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
|---|---|---|---|---|---|---|---|
| Jim Harkins, Director MES | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | 410 AREA CODE | 729-8350 NUMBER | 09 YEAR | 08 MO | 21 DAY |
| TYPED OR PRINTED | | | | | | | |

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

ERMITTEE NAME/ADDRESS *(Include acility Name/Location if different)*
AME AG/GFI Hampstead, Inc
DDRESS 626 Hanover Pike

Hampstead, MD 21074
ACILITY Black and Decker WWTP
OCATION 626 Hanover Pike
TTN

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
**DISCHARGE MONITORING REPORT** *(DMR)*
*(2-16)* *(17-19)*

| MD0001881 | 101 |
|---|---|
| PERMIT NUMBER | DISCHARGE NUMBER |

**State Discharge Permit**
**02-DP-0022**

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

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 07 | 01 | TO | 09 | 07 | 31 |
| | *(20-21)* | *(22-23)* | *(24-25)* | | *(26-27)* | *(28-29)* | *(30-31)* |

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

| PARAMETER *(32-37)* | | *(3 Card Only)* *(46-53)* QUANTITY OR LOADING *(54-61)* | | | *(4 Card Only)* *(38-45)* QUANTITY OR CONCENTRATION *(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, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 284516 | 375000 | ( 07) | ****** | ****** | ****** | | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | REPORT ****** | REPORT ****** | GPD | ****** | ****** | ****** | **** | | ONE/ MONTH | GRAB |
| COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | ****** | 2 | ( 30) | 0 | ONE/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | ****** | 200 | MPN | | ONE/ WEEK | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
|---|---|---|---|---|---|---|---|
| Jim Harkins, Director MES | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | 410 | 729-8350 | 09 | 08 | 21 |
| TYPED OR PRINTED | | | AREA CODE | NUMBER | YEAR | MO | DAY |

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

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

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

ADDRESS: **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY: **Black and Decker WWTP**

LOCATION: **626 Hanover Pike**

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

# DISCHARGE MONITORING REPORT *(DMR)*

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

**State Discharge Permit**
**02-DP-0022**

| MD0001881 | 001 |
|---|---|
| PERMIT NUMBER | DISCHARGE NUMBER |

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

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 08 | 01 | TO | 09 | 08 | 31 |
| | *(20-21)* | *(22-23)* | *(24-25)* | | *(26-27)* | *(28-29)* | *(30-31)* |

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

| PARAMETER *(32-37)* | | *(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | *(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM | *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | NO EX *(62-63)* | FREQUENCY OF ANALYSIS *(64-68)* | SAMPLE TYPE *(69-70)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 7 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 15 | | | ONE/ MONTH | GRAB |
| pH 00400 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | 6.4 | ****** | 7.5 | ( 12) SU | 0 | TWO/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | 6.0 | ****** | 8.5 | | | TWO/ WEEK | GRAB |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | 9 | 9 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | 20 | 30 | | | ONE/ MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 160097 | 607000 | ( 07) GPD | ****** | ****** | ****** | **** | 0 | MEASURED | RECORD |
| | PERMIT REQUIREMENT | REPORT | REPORT | | ****** | ****** | ****** | | | MEASURED | RECORD |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | <0.1 | <0.1 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | 0.011 | 0.019 | | | ONE/ MONTH | GRAB |
| TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 0 | ug/l | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 5 | | | ONE/ MONTH | GRAB |
| 1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 0 | ug/l | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 5 | | | ONE/ MONTH | GRAB |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**Jim Harkins, Director MES**

TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

| TELEPHONE | | DATE | | |
|---|---|---|---|---|
| 410 | 729-8350 | 09 | 09 | 22 |
| AREA CODE | NUMBER | YEAR | MO | DAY |

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

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

NAME AG/GFI Hampstead, Inc

ADDRESS 626 Hanover Pike

Hampstead, MD 21074

FACILITY Black and Decker WWTP

LOCATION 626 Hanover Pike

ATTN

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

# DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

MD0001881 PERMIT NUMBER

001 DISCHARGE NUMBER

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 08 | 01 | TO | 09 | 08 | 31 |
| | (20-21) | (22-23) | (24-35) | | (26-27) | (28-29) | (30-31) |

State Discharge Permit
02-DP-0022

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

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

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

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
|---|---|---|---|---|---|---|---|
| Jim Harkins, Director MES | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | 410 | 729-8350 | 09 | 09 | 22 |
| TYPED OR PRINTED | | | AREA CODE | NUMBER | YEAR | MO | DAY |

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

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

NAME: AG/GFI Hampstead, Inc

ADDRESS: 626 Hanover Pike

Hampstead, MD 21074

FACILITY: Black and Decker WWTP

LOCATION: 626 Hanover Pike

ATTN

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

State Discharge Permit
02-DP-0022

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

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

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 08 | 01 | TO | 09 | 08 | 31 |
| | *(20-21)* | *(22-23)* | *(24-25)* | | *(26-27)* | *(28-29)* | *(30-31)* |

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

| PARAMETER *(32-37)* | | *(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | *(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM | *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | NO. EX *(62-63)* | FREQUENCY OF ANALYSIS *(64-68)* | SAMPLE TYPE *(69-70)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 238452 | 326000 | ( 07) | ****** | ****** | ****** | | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | REPORT ****** | REPORT ****** | GPD | ****** | ****** | ****** | **** | | ONE/ MONTH | GRAB |
| COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | ****** | 1 | ( 30) | 0 | ONE/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | ****** | 200 | MPN | | ONE/ WEEK | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
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| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
|---|---|---|---|---|---|---|---|
| Jim Harkins, Director MES | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | 410 AREA CODE | 729-8350 NUMBER | 09 YEAR | 09 MO | 22 DAY |
| TYPED OR PRINTED | | | | | | | |

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

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

NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT** *(DMR)*

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

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

**State Discharge Permit**
**02-DP-0022**

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

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

| PARAMETER *(32-37)* | | *(3 Card Only)* QUANTITY OR LOADING *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | *(4 Card Only)* QUANTITY OR CONCENTRATION *(38-45)* MINIMUM | *(46-53)* AVERAGE | *(54-61)* MAXIMUM | UNITS | NO. EX *(62-63)* | FREQUENCY OF ANALYSIS *(64-68)* | SAMPLE TYPE *(69-70)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 9 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 15 ****** | | | ONE/ MONTH | GRAB |
| pH 00400 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | 6.3 | ****** | 7.0 | ( 12) SU | 0 | TWO/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | 6.0 | ****** | 8.5 | | | TWO/ WEEK | GRAB |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | 12 | 12 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | 20 | 30 | | | ONE/ MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 151900 | 196000 | ( 07) GPD | ****** | ****** | ****** | **** | 0 | MEASURED | RECORD |
| | PERMIT REQUIREMENT | REPORT | REPORT | | ****** | ****** | ****** | | | MEASURED | RECORD |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | <0.1 | <0.1 | ( 19) MG/L | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | 0.011 | 0.019 | | | ONE/ MONTH | GRAB |
| TETRACHLOROETHYLENE 34475 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 0 | ug/l | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 5 | | | ONE/ MONTH | GRAB |
| 1,1,1-TRICHLOROETHANE 34506 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 0 | ug/l | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 5 | | | ONE/ MONTH | GRAB |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
|---|---|---|---|---|---|---|---|
| **Jim Harkins, Director MES** | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | **410** AREA CODE | **729-8350** NUMBER | **09** YEAR | **10** MO | **21** DAY |
| TYPED OR PRINTED | | | | | | | |

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

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

NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

**DISCHARGE MONITORING REPORT** *(DMR)*

*(2-16)* **MD0001881** PERMIT NUMBER

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

MONITORING PERIOD

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

**State Discharge Permit**
**02-DP-0022**

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

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

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

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
|---|---|---|---|---|---|---|---|
| **Jim Harkins, Director MES** | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | 410 AREA CODE | 729-8350 NUMBER | 09 YEAR | 10 MO | 21 DAY |
| TYPED OR PRINTED | | | | | | | |

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

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

NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

NATIONAL POLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

# DISCHARGE MONITORING REPORT *(DMR)*

**State Discharge Permit**
**02-DP-0022**

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

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

MONITORING PERIOD

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

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

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|---|---|---|---|---|---|---|---|---|---|---|---|
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 239433 | 286000 | ( 07) GPD | ****** | ****** | ****** | **** | 0 | ONE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | REPORT ****** | REPORT ****** | | ****** | ****** | ****** | | | ONE/ MONTH | GRAB |
| COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | **** | ****** | ****** | 1 | ( 30) MPN | 0 | ONE/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | | ****** | ****** | 200 | | | ONE/ WEEK | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
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| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | | TELEPHONE | | DATE | | |
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| TYPED OR PRINTED | | | | | | | |

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

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

NAME **AG/GFI Hampstead, Inc**

ADDRESS **626 Hanover Pike**

**Hampstead, MD 21074**

FACILITY **Black and Decker WWTP**

LOCATION **626 Hanover Pike**

ATTN:

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

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

| MD0001881 | 201 |
|---|---|
| PERMIT NUMBER | DISCHARGE NUMBER |

**State Discharge Permit**
**02-DP-0022**

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

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 07 | 01 | TO | 09 | 09 | 30 |
| | *(20-21)* | *(22-23)* | *(24-25)* | | *(26-27)* | *(28-29)* | *(30-31)* |

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

| PARAMETER *(32-37)* | | *(3 Card Only)* *(46-53)* QUANTITY OR LOADING *(54-61)* AVERAGE | MAXIMUM | UNITS | *(4 Card Only)* *(38-45)* QUANTITY OR CONCENTRATION *(46-53)* MINIMUM | AVERAGE | *(54-61)* MAXIMUM | UNITS | NO. EX *(62-63)* | FREQUENCY OF ANALYSIS *(64-68)* | SAMPLE TYPE *(69-70)* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 217279 | 278379 | ( 07) | ****** | ****** | ****** | | 0 | MEASURED | RECORD |
| | PERMIT REQUIREMENT | REPORT | REPORT | GPD | ****** | ****** | ****** | **** | | MEASURED | RECORD |
| TETRACHLOROETHYLENE<br>34475 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | 0 | 0 | | 0 | ONE/ QUARTER | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | REPORT ****** | REPORT ****** | ug/l | | ONE/ QUARTER | GRAB |
| 1,1,1-TRICHLOROETHANE<br>34506 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | 0 | 0 | | 0 | ONE/ QUARTER | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | REPORT ****** | REPORT | ug/l | | ONE/ QUARTER | GRAB |
| TRICHLOROETHENE<br>79141 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ****** | ****** | | ****** | 0 | 0 | | 0 | ONE/ QUARTER | GRAB |
| | PERMIT REQUIREMENT | ****** | ****** | **** | ****** | REPORT ****** | REPORT | ug/l | | ONE/ QUARTER | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | TELEPHONE | | DATE | | |
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| TYPED OR PRINTED | | | | | | | |

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

Quarterly Report! Outfall 201 quarterly sample's collected on 07/01/09.

# APPENDIX C
# GROUNDWATER TREATMENT SYSTEM ANALYTICAL RESULTS
# (JULY - SEPTEMBER 2009)

ATLANTIC COAST
Laboratories, Incorporated

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

# REPORT OF ANALYSIS

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

Attention: Mr. Jay Janney

Order Number A09080159
Project Name: Black & Decker WWTP
Receive Date: 8/4/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

**Sample # A09080159-01** **Sample Date: 7/29/2009 9:25**

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

Matrix: Waste Water

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| Fecal Coliform, MPN | 2 | MPN/100 mL | N/A | SM 9221 E | 7/29/2009 2:30:00 PM | ChesapeakeEnvironmentalLab |

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 8/5/2009 11:55:01 AM

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

ATLANTIC COAST
Laboratories, Incorporated

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

# REPORT OF ANALYSIS

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

Attention: Mr. Jay Janney

Order Number A09080263
Project Name: Black & Decker WWTP
Receive Date: 8/5/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

**Sample # A09080263-01** **Sample Date: 8/5/2009 9:32**

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

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| BOD-5 | 7 | mg/L | 4 | SM 5210 B | 8/6/2009 12:05:00 PM | Skent |
| Total Suspended Solids | 9 | mg/L | 4 | SM 2540D | 8/10/2009 12:46:00 PM | JMcGuire |

**Sample # A09080263-01A** **Sample Date: 8/5/2009 9:32**

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

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| Oil and Grease (HEM) | < 5 | mg/L | 5 | EPA 1664 | 8/7/2009 10:21:00 AM | Hherman |

**Sample # A09080263-01B** **Sample Date: 8/5/2009 9:32**

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

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | < 1 | ug/L | 1 | EPA 8260B | 8/7/2009 5:38:00 AM | WWells |
| Tetrachloroethene | < 1 | ug/L | 1 | EPA 8260B | 8/7/2009 5:38:00 AM | WWells |
| Trichloroethene | < 1 | ug/L | 1 | EPA 8260B | 8/7/2009 5:38:00 AM | WWells |

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 8/13/2009 1:33:40 PM

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

ATLANTIC COAST
Laboratories, Incorporated

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

# REPORT OF ANALYSIS

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

Attention: Mr. Jay Janney

Order Number A09081681
Project Name: Black & Decker WWTP
Receive Date: 8/31/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

**Sample # A09081681-01** **Sample Date: 8/19/2009 9:35**

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

Matrix: Waste Water

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| Fecal Coliform, MPN | 1.8 | MPN/100 mL | N/A | SM 9221 E | 8/19/2009 12:55:00 PM | ChesapeakeEnvironmentalLa |

Approved: _____
Senior Chemist

Reported: 8/31/2009 1:00:54 PM

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

ATLANTIC COAST
Laboratories, Incorporated

630 Churchmans Road
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302-266-9121 • 454-8720 (FAX)
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# REPORT OF ANALYSIS

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

Attention: Mr. Jay Janney

Order Number A09090152
Project Name: Black & Decker WWTP
Receive Date: 9/2/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

**Sample # A09090152-01** **Sample Date: 9/2/2009 10:30**

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

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| BOD-5 | 9 | mg/L | 2 | SM 5210 B | 9/3/2009 11:40:00 AM | Skent |
| Total Suspended Solids | 12 | mg/L | 4 | SM 2540D | 9/6/2009 11:16:00 AM | JMcGuire |

**Sample # A09090152-01B** **Sample Date: 9/2/2009 10:33**

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

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | < 1 | ug/L | 1 | EPA 8260B | 9/9/2009 6:02:00 AM | WWells |
| Tetrachloroethene | < 1 | ug/L | 1 | EPA 8260B | 9/9/2009 6:02:00 AM | WWells |
| Trichloroethene | < 1 | ug/L | 1 | EPA 8260B | 9/9/2009 6:02:00 AM | WWells |

Approved: Warren Van Antwerp
Quality Assurance Manager

Reported: 9/15/2009 2:14:39 PM

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

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Laboratories, Incorporated

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

# REPORT OF ANALYSIS
**REVISED 10/7/2009**

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

Attention: Mr. Jay Janney

Order Number A09091462
Project Name: Black & Decker WWTP
Receive Date: 9/23/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

**Sample # A09091462-01** **Sample Date: 9/23/2009 9:59**

Site: Black & Decker 001
Matrix: Waste Water
Client Sample ID: DJ#1
Sample Comments: None

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| Oil and Grease (HEM) | < 5 | mg/L | 5 | EPA 1664 | 9/28/2009 10:13:00 AM | HHerman |

**Sample # A09091462-02** **Sample Date: 9/23/2009 10:02**

Site: Black & Decker 001
Matrix: Waste Water
Client Sample ID: DJ#2 MS
Sample Comments: The % recovery for the matrix spike was 80%.

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| Oil and Grease (HEM) | 31.9 | mg/L | 5 | EPA 1664 | 9/28/2009 10:13:00 AM | HHerman |

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 10/7/2009 3:37:12 PM

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

ATLANTIC COAST
Laboratories, Incorporated

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

# REPORT OF ANALYSIS

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

Attention: Mr. Jay Janney

Order Number A09091322
Project Name: Black & Decker WWTP
Receive Date: 9/22/2009
Client Code: MES_A
Project Location: Black & Decker WWTP

**Sample # A09091322-01** **Sample Date: 9/16/2009 9:15**

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

Matrix: Waste Water

| Test | Result | Units | RDL | Method | Analysis Date | Analyst |
|---|---|---|---|---|---|---|
| Fecal Coliform, MPN | <1.8 | MPN/100 mL | N/A | SM 9221 E | 9/16/2009 1:08:00 PM | ChesapeakeEnvironmentalLa |

Approved: Warren Van Arsdall
Quality Assurance Manager

Reported: 9/22/2009 2:08:13 PM

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

# APPENDIX D
# GROUNDWATER ANALYTICAL DATA PACKAGE
# (AUGUST 2009)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

Job Number: 500-20723-1

Job Description: Black and Decker

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

Attention: Mr. Tom Cornuet

Approved for release.
Richard C Wright
Project Manager II
8/25/2009 2:57 PM

Richard C Wright
Project Manager II
richard.wright@testamericainc.com
08/25/2009

cc: Greg Flasinski

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

The Lab Certification ID# is 100201.

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

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

**TestAmerica Laboratories, Inc.**
TestAmerica Chicago 2417 Bond Street, University Park, IL 60484
Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

**Comments**
No additional comments.

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

**GC/MS VOA**
No analytical or quality issues were noted.

# EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-20723-1

| Lab Sample ID / Analyte | Client Sample ID | Result / Qualifier | Reporting Limit | Units | Method |
|---|---|---|---|---|---|
| **500-20723-3** | **RFW-2A** | | | | |
| Trichloroethene | | 1.2 | 1.0 | ug/L | 8260B |
| **500-20723-4** | **RFW-2B** | | | | |
| Trichloroethene | | 1.6 | 1.0 | ug/L | 8260B |
| **500-20723-5** | **RFW-3B** | | | | |
| cis-1,2-Dichloroethene | | 3.7 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 1.4 | 1.0 | ug/L | 8260B |
| **500-20723-6** | **RFW-4A** | | | | |
| Trichloroethene | | 23 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 13 | 1.0 | ug/L | 8260B |
| **500-20723-7FD** | **RFW-4A DUP** | | | | |
| Trichloroethene | | 23 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 13 | 1.0 | ug/L | 8260B |
| **500-20723-8** | **RFW-4B** | | | | |
| cis-1,2-Dichloroethene | | 3.7 | 1.0 | ug/L | 8260B |
| Trichloroethene | | 15 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 31 | 1.0 | ug/L | 8260B |
| **500-20723-9** | **RFW-6** | | | | |
| Trichloroethene | | 2.2 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 2.4 | 1.0 | ug/L | 8260B |
| **500-20723-10** | **RFW-7** | | | | |
| Trichloroethene | | 4.4 | 1.0 | ug/L | 8260B |
| **500-20723-11** | **RFW-9** | | | | |
| 1,1-Dichloroethene | | 1.1 | 1.0 | ug/L | 8260B |
| cis-1,2-Dichloroethene | | 16 | 1.0 | ug/L | 8260B |
| Trichloroethene | | 15 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 6.9 | 1.0 | ug/L | 8260B |

## EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-20723-1

| Lab Sample ID / Analyte | Client Sample ID | Result / Qualifier | | Reporting Limit | Units | Method |
|---|---|---|---|---|---|---|
| **500-20723-12** | **RFW-11B** | | | | | |
| Trichloroethene | | 8.8 | | 1.0 | ug/L | 8260B |
| **500-20723-13** | **RFW-12B** | | | | | |
| 1,1-Dichloroethene | | 0.65 | J | 1.0 | ug/L | 8260B |
| cis-1,2-Dichloroethene | | 2.6 | | 1.0 | ug/L | 8260B |
| Trichloroethene | | 440 | | 10 | ug/L | 8260B |
| Tetrachloroethene | | 36 | | 1.0 | ug/L | 8260B |
| **500-20723-14** | **RFW-13** | | | | | |
| cis-1,2-Dichloroethene | | 0.95 | J | 1.0 | ug/L | 8260B |
| Trichloroethene | | 3.5 | | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 17 | | 1.0 | ug/L | 8260B |
| **500-20723-15** | **RFW-17** | | | | | |
| Benzene | | 0.61 | J | 1.0 | ug/L | 8260B |
| **500-20723-17** | **EW-2** | | | | | |
| cis-1,2-Dichloroethene | | 3.5 | | 1.0 | ug/L | 8260B |
| Trichloroethene | | 400 | | 10 | ug/L | 8260B |
| Tetrachloroethene | | 61 | | 1.0 | ug/L | 8260B |
| **500-20723-18** | **EW-3** | | | | | |
| cis-1,2-Dichloroethene | | 2.4 | | 1.0 | ug/L | 8260B |
| Trichloroethene | | 120 | | 10 | ug/L | 8260B |
| Tetrachloroethene | | 3.0 | | 1.0 | ug/L | 8260B |
| **500-20723-19** | **EW-4** | | | | | |
| Trichloroethene | | 950 | | 20 | ug/L | 8260B |
| Tetrachloroethene | | 16 | | 1.0 | ug/L | 8260B |
| **500-20723-20** | **EW-5** | | | | | |
| 1,1-Dichloroethene | | 0.51 | J | 1.0 | ug/L | 8260B |
| Trichloroethene | | 170 | | 10 | ug/L | 8260B |
| Tetrachloroethene | | 6.9 | | 1.0 | ug/L | 8260B |

# EXECUTIVE SUMMARY - Detections

Client: Weston Solutions, Inc. Job Number: 500-20723-1

| Lab Sample ID / Analyte | Client Sample ID | Result / Qualifier | Reporting Limit | Units | Method |
|---|---|---|---|---|---|
| **500-20723-21** | **EW-6** | | | | |
| Trichloroethene | | 11 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 16 | 1.0 | ug/L | 8260B |
| **500-20723-22** | **EW-7** | | | | |
| cis-1,2-Dichloroethene | | 5.9 | 1.0 | ug/L | 8260B |
| Trichloroethene | | 4.7 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 8.6 | 1.0 | ug/L | 8260B |
| **500-20723-23** | **EW-8** | | | | |
| cis-1,2-Dichloroethene | | 19 | 1.0 | ug/L | 8260B |
| Trichloroethene | | 8.6 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 53 | 1.0 | ug/L | 8260B |
| **500-20723-24** | **EW-9** | | | | |
| Trichloroethene | | 1.1 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 110 | 5.0 | ug/L | 8260B |
| **500-20723-25FD** | **EW-9 DUP** | | | | |
| Trichloroethene | | 1.0 | 1.0 | ug/L | 8260B |
| Tetrachloroethene | | 98 | 1.0 | ug/L | 8260B |

# METHOD SUMMARY

Client: Weston Solutions, Inc. Job Number: 500-20723-1

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

**Lab References:**

TAL CHI = TestAmerica Chicago

**Method References:**

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

## METHOD / ANALYST SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

| Method | Analyst | Analyst ID |
|---|---|---|
| SW846 8260B | Alikpala, Elaine | EA |
| SW846 8260B | Swaney, Garth E | GES |

# SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | Date/Time Received |
|---|---|---|---|---|
| 500-20723-1 | RFW-1A | Water | 08/18/2009 0825 | 08/21/2009 1015 |
| 500-20723-2 | RFW-1B | Water | 08/18/2009 1730 | 08/21/2009 1015 |
| 500-20723-3 | RFW-2A | Water | 08/18/2009 0930 | 08/21/2009 1015 |
| 500-20723-4 | RFW-2B | Water | 08/18/2009 0955 | 08/21/2009 1015 |
| 500-20723-5 | RFW-3B | Water | 08/18/2009 1745 | 08/21/2009 1015 |
| 500-20723-6 | RFW-4A | Water | 08/19/2009 0905 | 08/21/2009 1015 |
| 500-20723-7FD | RFW-4A DUP | Water | 08/19/2009 0905 | 08/21/2009 1015 |
| 500-20723-8 | RFW-4B | Water | 08/19/2009 0940 | 08/21/2009 1015 |
| 500-20723-9 | RFW-6 | Water | 08/19/2009 0715 | 08/21/2009 1015 |
| 500-20723-10 | RFW-7 | Water | 08/18/2009 1035 | 08/21/2009 1015 |
| 500-20723-11 | RFW-9 | Water | 08/19/2009 1200 | 08/21/2009 1015 |
| 500-20723-12 | RFW-11B | Water | 08/19/2009 1055 | 08/21/2009 1015 |
| 500-20723-13 | RFW-12B | Water | 08/19/2009 0725 | 08/21/2009 1015 |
| 500-20723-14 | RFW-13 | Water | 08/18/2009 1515 | 08/21/2009 1015 |
| 500-20723-15 | RFW-17 | Water | 08/18/2009 1110 | 08/21/2009 1015 |
| 500-20723-16TB | TRIP BLANK | Water | 08/18/2009 0700 | 08/21/2009 1015 |
| 500-20723-17 | EW-2 | Water | 08/18/2009 1645 | 08/21/2009 1015 |
| 500-20723-18 | EW-3 | Water | 08/19/2009 1020 | 08/21/2009 1015 |
| 500-20723-19 | EW-4 | Water | 08/19/2009 1100 | 08/21/2009 1015 |
| 500-20723-20 | EW-5 | Water | 08/19/2009 1120 | 08/21/2009 1015 |
| 500-20723-21 | EW-6 | Water | 08/19/2009 0935 | 08/21/2009 1015 |
| 500-20723-22 | EW-7 | Water | 08/19/2009 0930 | 08/21/2009 1015 |
| 500-20723-23 | EW-8 | Water | 08/19/2009 0920 | 08/21/2009 1015 |
| 500-20723-24 | EW-9 | Water | 08/19/2009 0910 | 08/21/2009 1015 |
| 500-20723-25FD | EW-9 DUP | Water | 08/19/2009 0910 | 08/21/2009 1015 |
| 500-20723-26 | EW-10 | Water | 08/19/2009 0900 | 08/21/2009 1015 |

# SAMPLE RESULTS

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

Job Number: 500-20723-1

**Client Sample ID: RFW-1A**
**Lab Sample ID: 500-20723-1**

Date Sampled: 08/18/2009 0825
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0226 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0226 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | <1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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

Job Number: 500-20723-1

**Client Sample ID: RFW-1A**
**Lab Sample ID: 500-20723-1**

Date Sampled: 08/18/2009 0825
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 99 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | % | 77 - 120 |
| Dibromofluoromethane | 104 | % | 79 - 133 |

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

Job Number: 500-20723-1

**Client Sample ID: RFW-1B**
**Lab Sample ID: 500-20723-2**

Date Sampled: 08/18/2009 1730
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0334 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0334 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | <1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-1B**
**Lab Sample ID: 500-20723-2**

Date Sampled: 08/18/2009 1730
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 101 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | % | 77 - 120 |
| Dibromofluoromethane | 107 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-2A**
**Lab Sample ID: 500-20723-3**

Date Sampled: 08/18/2009 0930
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0357 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0357 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 1.2 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-2A**
**Lab Sample ID: 500-20723-3**

Date Sampled: 08/18/2009 0930
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 98 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 100 | | % | | 77 - 120 | |
| Dibromofluoromethane | 106 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: RFW-2B**
**Lab Sample ID: 500-20723-4**

Date Sampled: 08/18/2009 0955
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0420 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0420 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 1.6 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-2B**
**Lab Sample ID: 500-20723-4**

Date Sampled: 08/18/2009 0955
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 96 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 103 | | % | | 77 - 120 | |
| Dibromofluoromethane | 107 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: RFW-3B**
**Lab Sample ID: 500-20723-5**

Date Sampled: 08/18/2009 1745
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0443 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0443 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 3.7 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | <1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 1.4 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-3B**
**Lab Sample ID: 500-20723-5**

Date Sampled: 08/18/2009 1745
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | % | 72 - 135 |
| Toluene-d8 (Surr) | 97 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | % | 77 - 120 |
| Dibromofluoromethane | 106 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-4A**
**Lab Sample ID: 500-20723-6**

Date Sampled: 08/19/2009 0905
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0506 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0506 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 23 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 13 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-4A**
**Lab Sample ID: 500-20723-6**

Date Sampled: 08/19/2009 0905
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 99 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | % | 77 - 120 |
| Dibromofluoromethane | 106 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-4A DUP**
**Lab Sample ID: 500-20723-7**

Date Sampled: 08/19/2009 0905
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0529 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0529 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 23 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 13 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-4A DUP**
**Lab Sample ID: 500-20723-7**

Date Sampled: 08/19/2009 0905
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 95 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 102 | | % | | 77 - 120 | |
| Dibromofluoromethane | 109 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: RFW-4B**
**Lab Sample ID: 500-20723-8**

Date Sampled: 08/19/2009 0940
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0552 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0552 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 3.7 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 15 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 31 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-4B**
**Lab Sample ID: 500-20723-8**

Date Sampled: 08/19/2009 0940
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 103 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 95 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 98 | | % | | 77 - 120 | |
| Dibromofluoromethane | 109 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: RFW-6**
**Lab Sample ID: 500-20723-9**

Date Sampled: 08/19/2009 0715
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0615 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0615 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 2.2 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 2.4 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-6**
**Lab Sample ID: 500-20723-9**

Date Sampled: 08/19/2009 0715
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 104 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 96 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 97 | | % | | 77 - 120 | |
| Dibromofluoromethane | 112 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: RFW-7**
**Lab Sample ID: 500-20723-10**

Date Sampled: 08/18/2009 1035
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0638 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0638 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 4.4 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-7**
**Lab Sample ID: 500-20723-10**

Date Sampled: 08/18/2009 1035
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 99 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102 | % | 77 - 120 |
| Dibromofluoromethane | 109 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-9**
**Lab Sample ID: 500-20723-11**

Date Sampled: 08/19/2009 1200
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0701 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0701 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | 1.1 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 16 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 15 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 6.9 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-9**
**Lab Sample ID: 500-20723-11**

Date Sampled: 08/19/2009 1200
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 98 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 96 | | % | | 77 - 120 | |
| Dibromofluoromethane | 110 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: RFW-11B**
**Lab Sample ID: 500-20723-12**

Date Sampled: 08/19/2009 1055
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/23/2009 0724 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/23/2009 0724 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 8.8 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-11B**
**Lab Sample ID: 500-20723-12**

Date Sampled: 08/19/2009 1055
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 94 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 95 | % | 77 - 120 |
| Dibromofluoromethane | 108 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-12B**
**Lab Sample ID: 500-20723-13**

Date Sampled: 08/19/2009 0725
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/24/2009 2245 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/24/2009 2245 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | 0.65 | J | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 2.6 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 36 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-12B**
**Lab Sample ID: 500-20723-13**

Date Sampled: 08/19/2009 0725
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 99 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | % | 77 - 120 |
| Dibromofluoromethane | 105 | % | 79 - 133 |

**Method: 8260B Run Type: DL**
**Prep Method: 5030B**
Date Analyzed: 08/24/2009 2308
Date Prepared: 08/24/2009 2308

| | | | | | | |
|---|---|---|---|---|---|---|
| Trichloroethene | 440 | | ug/L | 2.0 | 10 | 10 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | % | 77 - 120 |
| Dibromofluoromethane | 106 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-13**
**Lab Sample ID: 500-20723-14**

Date Sampled: 08/18/2009 1515
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/24/2009 2331 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/24/2009 2331 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 0.95 | J | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 3.5 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 17 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-13**
**Lab Sample ID: 500-20723-14**

Date Sampled: 08/18/2009 1515
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 99 | % | 72 - 135 |
| Toluene-d8 (Surr) | 97 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | % | 77 - 120 |
| Dibromofluoromethane | 106 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-17**
**Lab Sample ID: 500-20723-15**

Date Sampled: 08/18/2009 1110
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/24/2009 2354 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/24/2009 2354 | | |
| Benzene | 0.61 | J | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | <1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: RFW-17**
**Lab Sample ID: 500-20723-15**

Date Sampled: 08/18/2009 1110
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 97 | % | 72 - 135 |
| Toluene-d8 (Surr) | 98 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | % | 77 - 120 |
| Dibromofluoromethane | 105 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: TRIP BLANK**
**Lab Sample ID: 500-20723-16**

Date Sampled: 08/18/2009 0700
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0017 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0017 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | <1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: TRIP BLANK**
**Lab Sample ID: 500-20723-16**

Date Sampled: 08/18/2009 0700
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 100 | % | 72 - 135 |
| Toluene-d8 (Surr) | 98 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101 | % | 77 - 120 |
| Dibromofluoromethane | 107 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-2**
**Lab Sample ID: 500-20723-17**

Date Sampled: 08/18/2009 1645
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0040 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0040 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 3.5 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 61 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-2**
**Lab Sample ID: 500-20723-17**

Date Sampled: 08/18/2009 1645
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 98 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 102 | | % | | 77 - 120 | |
| Dibromofluoromethane | 106 | | % | | 79 - 133 | |
| **Method: 8260B Run Type: DL** | | | Date Analyzed: | | 08/25/2009 0102 | |
| **Prep Method: 5030B** | | | Date Prepared: | | 08/25/2009 0102 | |
| Trichloroethene | 400 | | ug/L | 2.0 | 10 | 10 |
| Surrogate | | | | | Acceptance Limits | |
| 1,2-Dichloroethane-d4 (Surr) | 105 | | % | | 72 - 135 | |
| Toluene-d8 (Surr) | 96 | | % | | 80 - 120 | |
| 4-Bromofluorobenzene (Surr) | 110 | | % | | 77 - 120 | |
| Dibromofluoromethane | 115 | | % | | 79 - 133 | |

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Job Number: 500-20723-1

**Client Sample ID: EW-3**
**Lab Sample ID: 500-20723-18**

Date Sampled: 08/19/2009 1020
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0124 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0124 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 2.4 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 3.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-3**
**Lab Sample ID: 500-20723-18**

Date Sampled: 08/19/2009 1020
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102 | % | 77 - 120 |
| Dibromofluoromethane | 110 | % | 79 - 133 |

**Method: 8260B Run Type: DL**
Date Analyzed: 08/25/2009 0146
**Prep Method: 5030B**
Date Prepared: 08/25/2009 0146

| | | | | | |
|---|---|---|---|---|---|
| Trichloroethene | 120 | ug/L | 2.0 | 10 | 10 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101 | % | 77 - 120 |
| Dibromofluoromethane | 109 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-4**
**Lab Sample ID: 500-20723-19**

Date Sampled: 08/19/2009 1100
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0209 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0209 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 16 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-4**
**Lab Sample ID: 500-20723-19**

Date Sampled: 08/19/2009 1100
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 102 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 103 | % | 77 - 120 |
| Dibromofluoromethane | 110 | % | 79 - 133 |

**Method: 8260B Run Type: DL**
Date Analyzed: 08/25/2009 0231
**Prep Method: 5030B**
Date Prepared: 08/25/2009 0231

| | | | | | | |
|---|---|---|---|---|---|---|
| Trichloroethene | 950 | | ug/L | 4.0 | 20 | 20 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101 | % | 77 - 120 |
| Dibromofluoromethane | 114 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-5**
**Lab Sample ID: 500-20723-20**

Date Sampled: 08/19/2009 1120
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0254 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0254 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | 0.51 | J | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 6.9 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-5**
**Lab Sample ID: 500-20723-20**

Date Sampled: 08/19/2009 1120
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101 | % | 77 - 120 |
| Dibromofluoromethane | 111 | % | 79 - 133 |

**Method: 8260B Run Type: DL**
Date Analyzed: 08/25/2009 0316
**Prep Method: 5030B**
Date Prepared: 08/25/2009 0316

| | | | | | | |
|---|---|---|---|---|---|---|
| Trichloroethene | 170 | | ug/L | 2.0 | 10 | 10 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | % | 77 - 120 |
| Dibromofluoromethane | 112 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-6**
**Lab Sample ID: 500-20723-21**

Date Sampled: 08/19/2009 0935
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0339 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0339 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 11 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 16 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-6**
**Lab Sample ID: 500-20723-21**

Date Sampled: 08/19/2009 0935
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 99 | % | 77 - 120 |
| Dibromofluoromethane | 111 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-7**
**Lab Sample ID: 500-20723-22**

Date Sampled: 08/19/2009 0930
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0401 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0401 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 5.9 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 4.7 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 8.6 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-7**
**Lab Sample ID: 500-20723-22**

Date Sampled: 08/19/2009 0930
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 104 | % | 77 - 120 |
| Dibromofluoromethane | 115 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-8**
**Lab Sample ID: 500-20723-23**

Date Sampled: 08/19/2009 0920
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0424 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0424 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | 19 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 8.6 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 53 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-8**
**Lab Sample ID: 500-20723-23**

Date Sampled: 08/19/2009 0920
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102 | % | 77 - 120 |
| Dibromofluoromethane | 111 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-9**
**Lab Sample ID: 500-20723-24**

Date Sampled: 08/19/2009 0910
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0509 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0509 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 1.1 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-9**
**Lab Sample ID: 500-20723-24**

Date Sampled: 08/19/2009 0910
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | % | 72 - 135 |
| Toluene-d8 (Surr) | 96 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102 | % | 77 - 120 |
| Dibromofluoromethane | 114 | % | 79 - 133 |

**Method: 8260B Run Type: DL** Date Analyzed: 08/25/2009 0531
**Prep Method: 5030B** Date Prepared: 08/25/2009 0531

| | | | | | |
|---|---|---|---|---|---|
| Tetrachloroethene | 110 | ug/L | 0.70 | 5.0 | 5.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102 | % | 77 - 120 |
| Dibromofluoromethane | 117 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-9 DUP**
**Lab Sample ID: 500-20723-25**

Date Sampled: 08/19/2009 0910
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0554 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0554 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | 1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | 98 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-9 DUP**
**Lab Sample ID: 500-20723-25**

Date Sampled: 08/19/2009 0910
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 108 | % | 72 - 135 |
| Toluene-d8 (Surr) | 95 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 103 | % | 77 - 120 |
| Dibromofluoromethane | 120 | % | 79 - 133 |

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Job Number: 500-20723-1

**Client Sample ID: EW-10**
**Lab Sample ID: 500-20723-26**

Date Sampled: 08/19/2009 0900
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| **Method: 8260B** | | | Date Analyzed: | 08/25/2009 0639 | | |
| **Prep Method: 5030B** | | | Date Prepared: | 08/25/2009 0639 | | |
| Benzene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | ug/L | 0.29 | 1.0 | 1.0 |
| Chloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Vinyl chloride | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Bromomethane | <1.0 | * | ug/L | 0.44 | 1.0 | 1.0 |
| Chloroethane | <1.0 | | ug/L | 0.45 | 1.0 | 1.0 |
| Trichlorofluoromethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Carbon disulfide | <5.0 | | ug/L | 0.39 | 5.0 | 1.0 |
| Acetone | <5.0 | | ug/L | 1.2 | 5.0 | 1.0 |
| Methylene Chloride | <2.0 | | ug/L | 0.99 | 2.0 | 1.0 |
| trans-1,2-Dichloroethene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | ug/L | 0.30 | 1.0 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | ug/L | 0.83 | 5.0 | 1.0 |
| Bromochloromethane | <1.0 | | ug/L | 0.33 | 1.0 | 1.0 |
| Chloroform | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| Carbon tetrachloride | <1.0 | | ug/L | 0.21 | 1.0 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | ug/L | 0.22 | 1.0 | 1.0 |
| Trichloroethene | <1.0 | | ug/L | 0.20 | 1.0 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | ug/L | 0.23 | 1.0 | 1.0 |
| Dibromomethane | <1.0 | | ug/L | 0.31 | 1.0 | 1.0 |
| Bromodichloromethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| methyl isobutyl ketone | <5.0 | * | ug/L | 0.58 | 5.0 | 1.0 |
| Toluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | ug/L | 0.32 | 1.0 | 1.0 |
| Tetrachloroethene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 2-Hexanone | <5.0 | * | ug/L | 0.77 | 5.0 | 1.0 |
| Dibromochloromethane | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | ug/L | 0.24 | 1.0 | 1.0 |
| Chlorobenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | ug/L | 0.18 | 1.0 | 1.0 |
| Ethylbenzene | <1.0 | | ug/L | 0.17 | 1.0 | 1.0 |

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Job Number: 500-20723-1

**Client Sample ID: EW-10**
**Lab Sample ID: 500-20723-26**

Date Sampled: 08/19/2009 0900
Date Received: 08/21/2009 1015
Client Matrix: Water

| Analyte | Result/Qualifier | | Unit | MDL | RL | Dilution |
|---|---|---|---|---|---|---|
| m&p-Xylene | <2.0 | | ug/L | 0.23 | 2.0 | 1.0 |
| o-Xylene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| Styrene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| Bromoform | <1.0 | * | ug/L | 0.30 | 1.0 | 1.0 |
| Isopropylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| Bromobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | ug/L | 0.25 | 1.0 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | ug/L | 0.39 | 1.0 | 1.0 |
| N-Propylbenzene | <1.0 | | ug/L | 0.11 | 1.0 | 1.0 |
| 2-Chlorotoluene | <1.0 | | ug/L | 0.16 | 1.0 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 4-Chlorotoluene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| tert-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| sec-Butylbenzene | <1.0 | | ug/L | 0.14 | 1.0 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | ug/L | 0.19 | 1.0 | 1.0 |
| p-Isopropyltoluene | <1.0 | | ug/L | 0.12 | 1.0 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| n-Butylbenzene | <1.0 | | ug/L | 0.13 | 1.0 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | ug/L | 0.15 | 1.0 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | ug/L | 0.85 | 2.0 | 1.0 |
| 1,2,4-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |
| Hexachlorobutadiene | <1.0 | | ug/L | 0.27 | 1.0 | 1.0 |
| Naphthalene | <1.0 | * | ug/L | 0.32 | 1.0 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | * | ug/L | 0.20 | 1.0 | 1.0 |

| Surrogate | | | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 105 | % | 72 - 135 |
| Toluene-d8 (Surr) | 97 | % | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101 | % | 77 - 120 |
| Dibromofluoromethane | 117 | % | 79 - 133 |

# DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 500-20723-1

| Lab Section | Qualifier | Description |
|---|---|---|
| GC/MS VOA | | |
| | * | LCS or LCSD exceeds the control limits |
| | F | MS or MSD exceeds the control limits |
| | J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| | F | RPD of the MS and MSD exceeds the control limits |

# QUALITY CONTROL RESULTS

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Report Basis | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| **GC/MS VOA** | | | | | |
| **Analysis Batch:500-70371** | | | | | |
| LCS 500-70371/19 | Lab Control Sample | T | Water | 8260B | |
| MB 500-70371/18 | Method Blank | T | Water | 8260B | |
| 500-20723-1 | RFW-1A | T | Water | 8260B | |
| 500-20723-1MS | Matrix Spike | T | Water | 8260B | |
| 500-20723-1MSD | Matrix Spike Duplicate | T | Water | 8260B | |
| 500-20723-2 | RFW-1B | T | Water | 8260B | |
| 500-20723-3 | RFW-2A | T | Water | 8260B | |
| 500-20723-4 | RFW-2B | T | Water | 8260B | |
| 500-20723-5 | RFW-3B | T | Water | 8260B | |
| 500-20723-6 | RFW-4A | T | Water | 8260B | |
| 500-20723-7FD | RFW-4A DUP | T | Water | 8260B | |
| 500-20723-8 | RFW-4B | T | Water | 8260B | |
| 500-20723-9 | RFW-6 | T | Water | 8260B | |
| 500-20723-10 | RFW-7 | T | Water | 8260B | |
| 500-20723-11 | RFW-9 | T | Water | 8260B | |
| 500-20723-12 | RFW-11B | T | Water | 8260B | |
| **Analysis Batch:500-70409** | | | | | |
| LCS 500-70409/25 | Lab Control Sample | T | Water | 8260B | |
| MB 500-70409/24 | Method Blank | T | Water | 8260B | |
| 500-20723-13 | RFW-12B | T | Water | 8260B | |
| 500-20723-13DL | RFW-12B | T | Water | 8260B | |
| 500-20723-14 | RFW-13 | T | Water | 8260B | |
| 500-20723-15 | RFW-17 | T | Water | 8260B | |
| 500-20723-16TB | TRIP BLANK | T | Water | 8260B | |
| 500-20723-17 | EW-2 | T | Water | 8260B | |
| 500-20723-17DL | EW-2 | T | Water | 8260B | |
| 500-20723-18 | EW-3 | T | Water | 8260B | |
| 500-20723-18DL | EW-3 | T | Water | 8260B | |
| 500-20723-19 | EW-4 | T | Water | 8260B | |
| 500-20723-19DL | EW-4 | T | Water | 8260B | |
| 500-20723-20 | EW-5 | T | Water | 8260B | |
| 500-20723-20DL | EW-5 | T | Water | 8260B | |
| 500-20723-21 | EW-6 | T | Water | 8260B | |
| 500-20723-22 | EW-7 | T | Water | 8260B | |
| 500-20723-23 | EW-8 | T | Water | 8260B | |
| 500-20723-24 | EW-9 | T | Water | 8260B | |
| 500-20723-24DL | EW-9 | T | Water | 8260B | |
| 500-20723-25FD | EW-9 DUP | T | Water | 8260B | |
| 500-20723-26 | EW-10 | T | Water | 8260B | |

Report Basis
T = Total

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

## Surrogate Recovery Report

### 8260B VOC

**Client Matrix: Water**

| Lab Sample ID | Client Sample ID | 12DCE %Rec | TOL %Rec | BFB %Rec | DBFM %Rec |
|---|---|---|---|---|---|
| 500-20723-1 | RFW-1A | 99 | 95 | 100 | 104 |
| 500-20723-2 | RFW-1B | 101 | 96 | 99 | 107 |
| 500-20723-3 | RFW-2A | 101 | 98 | 100 | 106 |
| 500-20723-4 | RFW-2B | 100 | 96 | 103 | 107 |
| 500-20723-5 | RFW-3B | 98 | 97 | 99 | 106 |
| 500-20723-6 | RFW-4A | 99 | 96 | 99 | 106 |
| 500-20723-7 | RFW-4A DUP | 101 | 95 | 102 | 109 |
| 500-20723-8 | RFW-4B | 103 | 95 | 98 | 109 |
| 500-20723-9 | RFW-6 | 104 | 96 | 97 | 112 |
| 500-20723-10 | RFW-7 | 103 | 99 | 102 | 109 |
| 500-20723-11 | RFW-9 | 102 | 98 | 96 | 110 |
| 500-20723-12 | RFW-11B | 103 | 94 | 95 | 108 |
| 500-20723-13 | RFW-12B | 99 | 96 | 100 | 105 |
| 500-20723-13 DL | RFW-12B DL | 98 | 96 | 100 | 106 |
| 500-20723-14 | RFW-13 | 99 | 97 | 100 | 106 |
| 500-20723-15 | RFW-17 | 97 | 98 | 99 | 105 |
| 500-20723-16 | TRIP BLANK | 100 | 98 | 101 | 107 |
| 500-20723-17 | EW-2 | 100 | 98 | 102 | 106 |
| 500-20723-17 DL | EW-2 DL | 105 | 96 | 110 | 115 |
| 500-20723-18 | EW-3 | 103 | 95 | 102 | 110 |
| 500-20723-18 DL | EW-3 DL | 103 | 95 | 101 | 109 |
| 500-20723-19 | EW-4 | 102 | 95 | 103 | 110 |
| 500-20723-19 DL | EW-4 DL | 104 | 96 | 101 | 114 |
| 500-20723-20 | EW-5 | 104 | 95 | 101 | 111 |
| 500-20723-20 DL | EW-5 DL | 104 | 96 | 100 | 112 |
| 500-20723-21 | EW-6 | 103 | 95 | 99 | 111 |
| 500-20723-22 | EW-7 | 103 | 96 | 104 | 115 |
| 500-20723-23 | EW-8 | 103 | 96 | 102 | 111 |
| 500-20723-24 | EW-9 | 104 | 96 | 102 | 114 |

| Surrogate | Acceptance Limits |
|---|---|
| 12DCE = 1,2-Dichloroethane-d4 (Surr) | 72-135 |
| TOL = Toluene-d8 (Surr) | 80-120 |
| BFB = 4-Bromofluorobenzene (Surr) | 77-120 |
| DBFM = Dibromofluoromethane | 79-133 |

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

## Surrogate Recovery Report

**8260B_VOC**

**Client Matrix: Water**

| Lab Sample ID | Client Sample ID | 12DCE %Rec | TOL %Rec | BFB %Rec | DBFM %Rec |
|---|---|---|---|---|---|
| 500-20723-24 DL | EW-9 DL | 104 | 95 | 102 | 117 |
| 500-20723-25 | EW-9 DUP | 108 | 95 | 103 | 120 |
| 500-20723-26 | EW-10 | 105 | 97 | 101 | 117 |
| MB 500-70371/18 | | 100 | 96 | 101 | 105 |
| MB 500-70409/24 | | 100 | 96 | 100 | 107 |
| LCS 500-70371/19 | | 98 | 97 | 100 | 103 |
| LCS 500-70409/25 | | 97 | 96 | 104 | 107 |
| 500-20723-1 MS | RFW-1A MS | 98 | 99 | 102 | 109 |
| 500-20723-1 MSD | RFW-1A MSD | 98 | 95 | 99 | 103 |

| Surrogate | Acceptance Limits |
|---|---|
| 12DCE = 1,2-Dichloroethane-d4 (Surr) | 72-135 |
| TOL = Toluene-d8 (Surr) | 80-120 |
| BFB = 4-Bromofluorobenzene (Surr) | 77-120 |
| DBFM = Dibromofluoromethane | 79-133 |

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Method Blank - Batch: 500-70371**

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

Lab Sample ID: MB 500-70371/18
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0204
Date Prepared: 08/23/2009 0204

Analysis Batch: 500-70371
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6M0823.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| Benzene | <1.0 | | 0.16 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | 0.29 | 1.0 |
| Chloromethane | <1.0 | | 0.33 | 1.0 |
| Vinyl chloride | <1.0 | | 0.23 | 1.0 |
| Bromomethane | <1.0 | | 0.44 | 1.0 |
| Chloroethane | <1.0 | | 0.45 | 1.0 |
| Trichlorofluoromethane | <1.0 | | 0.32 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 0.22 | 1.0 |
| Carbon disulfide | <5.0 | | 0.39 | 5.0 |
| Acetone | <5.0 | | 1.2 | 5.0 |
| Methylene Chloride | <2.0 | | 0.99 | 2.0 |
| trans-1,2-Dichloroethene | <1.0 | | 0.17 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 0.18 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | 0.30 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 0.21 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | 0.83 | 5.0 |
| Bromochloromethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <1.0 | | 0.13 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 0.23 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | 0.17 | 1.0 |
| Carbon tetrachloride | <1.0 | | 0.21 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 0.22 | 1.0 |
| Trichloroethene | <1.0 | | 0.20 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 0.23 | 1.0 |
| Dibromomethane | <1.0 | | 0.31 | 1.0 |
| Bromodichloromethane | <1.0 | | 0.18 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 0.16 | 1.0 |
| methyl isobutyl ketone | <5.0 | | 0.58 | 5.0 |
| Toluene | <1.0 | | 0.16 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 0.13 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 0.32 | 1.0 |
| Tetrachloroethene | <1.0 | | 0.14 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | 0.17 | 1.0 |
| 2-Hexanone | <5.0 | | 0.77 | 5.0 |
| Dibromochloromethane | <1.0 | | 0.19 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | 0.24 | 1.0 |
| Chlorobenzene | <1.0 | | 0.17 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 0.18 | 1.0 |
| Ethylbenzene | <1.0 | | 0.17 | 1.0 |
| m&p-Xylene | <2.0 | | 0.23 | 2.0 |
| o-Xylene | <1.0 | | 0.12 | 1.0 |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Method Blank - Batch: 500-70371**

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

Lab Sample ID: MB 500-70371/18
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0204
Date Prepared: 08/23/2009 0204

Analysis Batch: 500-70371
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6M0823.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| Styrene | <1.0 | | 0.15 | 1.0 |
| Bromoform | <1.0 | | 0.30 | 1.0 |
| Isopropylbenzene | <1.0 | | 0.14 | 1.0 |
| Bromobenzene | <1.0 | | 0.15 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 0.25 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 0.39 | 1.0 |
| N-Propylbenzene | <1.0 | | 0.11 | 1.0 |
| 2-Chlorotoluene | <1.0 | | 0.16 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | 0.14 | 1.0 |
| 4-Chlorotoluene | <1.0 | | 0.14 | 1.0 |
| tert-Butylbenzene | <1.0 | | 0.13 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | 0.12 | 1.0 |
| sec-Butylbenzene | <1.0 | | 0.14 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | 0.19 | 1.0 |
| p-Isopropyltoluene | <1.0 | | 0.12 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | 0.15 | 1.0 |
| n-Butylbenzene | <1.0 | | 0.13 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | 0.15 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 0.85 | 2.0 |
| 1,2,4-Trichlorobenzene | <1.0 | | 0.20 | 1.0 |
| Hexachlorobutadiene | <1.0 | | 0.27 | 1.0 |
| Naphthalene | <1.0 | | 0.32 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | | 0.20 | 1.0 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 100 | 72 - 135 |
| Toluene-d8 (Surr) | 96 | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101 | 77 - 120 |
| Dibromofluoromethane | 105 | 79 - 133 |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Lab Control Sample - Batch: 500-70371**

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

Lab Sample ID: LCS 500-70371/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0119
Date Prepared: 08/23/2009 0119

Analysis Batch: 500-70371
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6S0823.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Benzene | 25.0 | 21.5 | 86 | 70 - 120 | |
| Dichlorodifluoromethane | 25.0 | 17.2 | 69 | 58 - 186 | |
| Chloromethane | 25.0 | 22.2 | 89 | 56 - 133 | |
| Vinyl chloride | 25.0 | 24.7 | 99 | 75 - 158 | |
| Bromomethane | 25.0 | 16.7 | 67 | 56 - 154 | |
| Chloroethane | 25.0 | 24.2 | 97 | 60 - 144 | |
| Trichlorofluoromethane | 25.0 | 21.9 | 88 | 58 - 146 | |
| 1,1-Dichloroethene | 25.0 | 17.9 | 72 | 55 - 129 | |
| Carbon disulfide | 25.0 | 12.9 | 52 | 31 - 146 | |
| Acetone | 25.0 | 26.4 | 105 | 29 - 152 | |
| Methylene Chloride | 25.0 | 20.5 | 82 | 63 - 128 | |
| trans-1,2-Dichloroethene | 25.0 | 20.7 | 83 | 66 - 120 | |
| 1,1-Dichloroethane | 25.0 | 21.9 | 87 | 65 - 120 | |
| 2,2-Dichloropropane | 25.0 | 19.9 | 80 | 59 - 121 | |
| cis-1,2-Dichloroethene | 25.0 | 21.7 | 87 | 72 - 123 | |
| Methyl Ethyl Ketone | 25.0 | 32.6 | 130 | 47 - 138 | |
| Bromochloromethane | 25.0 | 25.6 | 103 | 63 - 122 | |
| Chloroform | 25.0 | 22.3 | 89 | 70 - 120 | |
| 1,1,1-Trichloroethane | 25.0 | 21.1 | 85 | 64 - 122 | |
| 1,1-Dichloropropene | 25.0 | 22.1 | 89 | 70 - 120 | |
| Carbon tetrachloride | 25.0 | 22.0 | 88 | 62 - 122 | |
| 1,2-Dichloroethane | 25.0 | 24.9 | 100 | 62 - 120 | |
| Trichloroethene | 25.0 | 24.6 | 98 | 71 - 120 | |
| 1,2-Dichloropropane | 25.0 | 25.1 | 100 | 75 - 120 | |
| Dibromomethane | 25.0 | 25.2 | 101 | 72 - 120 | |
| Bromodichloromethane | 25.0 | 23.7 | 95 | 74 - 120 | |
| cis-1,3-Dichloropropene | 26.9 | 24.5 | 91 | 65 - 120 | |
| methyl isobutyl ketone | 25.0 | 32.3 | 129 | 59 - 120 | * |
| Toluene | 25.0 | 23.4 | 94 | 72 - 120 | |
| trans-1,3-Dichloropropene | 24.3 | 21.4 | 88 | 59 - 120 | |
| 1,1,2-Trichloroethane | 25.0 | 26.7 | 107 | 68 - 126 | |
| Tetrachloroethene | 25.0 | 24.3 | 97 | 70 - 120 | |
| 1,3-Dichloropropane | 25.0 | 26.6 | 106 | 77 - 120 | |
| 2-Hexanone | 25.0 | 34.0 | 136 | 56 - 120 | * |
| Dibromochloromethane | 25.0 | 25.5 | 102 | 64 - 120 | |
| 1,2-Dibromoethane | 25.0 | 26.3 | 105 | 72 - 120 | |
| Chlorobenzene | 25.0 | 25.7 | 103 | 75 - 120 | |
| 1,1,1,2-Tetrachloroethane | 25.0 | 27.2 | 109 | 70 - 121 | |
| Ethylbenzene | 25.0 | 24.4 | 98 | 76 - 120 | |
| m&p-Xylene | 50.0 | 49.1 | 98 | 74 - 120 | |
| o-Xylene | 25.0 | 24.7 | 99 | 74 - 120 | |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Lab Control Sample - Batch: 500-70371**

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

Lab Sample ID: LCS 500-70371/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0119
Date Prepared: 08/23/2009 0119

Analysis Batch: 500-70371
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6S0823.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Styrene | 25.0 | 25.4 | 102 | 76 - 120 | |
| Bromoform | 25.0 | 29.4 | 118 | 58 - 120 | |
| Isopropylbenzene | 25.0 | 22.3 | 89 | 64 - 120 | |
| Bromobenzene | 25.0 | 28.0 | 112 | 68 - 120 | |
| 1,1,2,2-Tetrachloroethane | 25.0 | 28.3 | 113 | 69 - 120 | |
| 1,2,3-Trichloropropane | 25.0 | 28.5 | 114 | 65 - 120 | |
| N-Propylbenzene | 25.0 | 25.5 | 102 | 66 - 120 | |
| 2-Chlorotoluene | 25.0 | 25.1 | 100 | 68 - 120 | |
| 1,3,5-Trimethylbenzene | 25.0 | 25.8 | 103 | 68 - 120 | |
| 4-Chlorotoluene | 25.0 | 25.0 | 100 | 65 - 120 | |
| tert-Butylbenzene | 25.0 | 27.1 | 108 | 67 - 120 | |
| 1,2,4-Trimethylbenzene | 25.0 | 26.0 | 104 | 70 - 120 | |
| sec-Butylbenzene | 25.0 | 25.5 | 102 | 71 - 120 | |
| 1,3-Dichlorobenzene | 25.0 | 27.0 | 108 | 73 - 120 | |
| p-Isopropyltoluene | 25.0 | 26.6 | 106 | 70 - 120 | |
| 1,4-Dichlorobenzene | 25.0 | 26.4 | 106 | 72 - 120 | |
| n-Butylbenzene | 25.0 | 26.6 | 107 | 72 - 120 | |
| 1,2-Dichlorobenzene | 25.0 | 27.6 | 111 | 62 - 131 | |
| 1,2-Dibromo-3-Chloropropane | 25.0 | 28.4 | 113 | 55 - 130 | |
| 1,2,4-Trichlorobenzene | 25.0 | 30.1 | 121 | 54 - 120 | * |
| Hexachlorobutadiene | 25.0 | 27.9 | 111 | 64 - 125 | |
| Naphthalene | 25.0 | 31.1 | 124 | 51 - 120 | * |
| 1,2,3-Trichlorobenzene | 25.0 | 30.9 | 124 | 57 - 120 | * |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | 72 - 135 |
| Toluene-d8 (Surr) | 97 | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | 77 - 120 |
| Dibromofluoromethane | 103 | 79 - 133 |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 500-70371**

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

MS Lab Sample ID: 500-20723-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0249
Date Prepared: 08/23/2009 0249

Analysis Batch: 500-70371
Prep Batch: N/A

Instrument ID: Agilent 6890N GC - 5973I
Lab File ID: 0723-01S.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 500-20723-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0311
Date Prepared: 08/23/2009 0311

Analysis Batch: 500-70371
Prep Batch: N/A

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 0723-01T.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| Benzene | 76 | 77 | 70 - 120 | 1 | 20 | | |
| Dichlorodifluoromethane | 67 | 56 | 58 - 186 | 17 | 20 | | F |
| Chloromethane | 88 | 73 | 56 - 133 | 19 | 20 | | |
| Vinyl chloride | 96 | 81 | 75 - 158 | 17 | 20 | | |
| Bromomethane | 142 | 111 | 56 - 154 | 24 | 20 | | F |
| Chloroethane | 122 | 101 | 60 - 144 | 19 | 20 | | |
| Trichlorofluoromethane | 90 | 79 | 58 - 146 | 13 | 20 | | |
| 1,1-Dichloroethene | 66 | 64 | 55 - 129 | 3 | 20 | | |
| Carbon disulfide | 48 | 46 | 31 - 146 | 3 | 20 | | |
| Acetone | 81 | 80 | 29 - 152 | 1 | 20 | | |
| Methylene Chloride | 76 | 73 | 63 - 128 | 4 | 20 | | |
| trans-1,2-Dichloroethene | 76 | 73 | 66 - 120 | 4 | 20 | | |
| 1,1-Dichloroethane | 81 | 78 | 65 - 120 | 4 | 20 | | |
| 2,2-Dichloropropane | 73 | 71 | 59 - 121 | 3 | 20 | | |
| cis-1,2-Dichloroethene | 81 | 77 | 72 - 123 | 5 | 20 | | |
| Methyl Ethyl Ketone | 98 | 106 | 47 - 138 | 8 | 20 | | |
| Bromochloromethane | 98 | 90 | 63 - 122 | 8 | 20 | | |
| Chloroform | 83 | 80 | 70 - 120 | 3 | 20 | | |
| 1,1,1-Trichloroethane | 78 | 77 | 64 - 122 | 2 | 20 | | |
| 1,1-Dichloropropene | 81 | 80 | 70 - 120 | 0 | 20 | | |
| Carbon tetrachloride | 77 | 80 | 62 - 122 | 3 | 20 | | |
| 1,2-Dichloroethane | 87 | 89 | 62 - 120 | 2 | 20 | | |
| Trichloroethene | 87 | 89 | 71 - 120 | 2 | 20 | | |
| 1,2-Dichloropropane | 88 | 90 | 75 - 120 | 2 | 20 | | |
| Dibromomethane | 90 | 92 | 72 - 120 | 2 | 20 | | |
| Bromodichloromethane | 85 | 86 | 74 - 120 | 1 | 20 | | |
| cis-1,3-Dichloropropene | 78 | 78 | 65 - 120 | 0 | 20 | | |
| methyl isobutyl ketone | 109 | 109 | 59 - 120 | 0 | 20 | | |
| Toluene | 85 | 83 | 72 - 120 | 2 | 20 | | |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 500-70371**

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

MS Lab Sample ID: 500-20723-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0249
Date Prepared: 08/23/2009 0249

Analysis Batch: 500-70371
Prep Batch: N/A

Instrument ID: Agilent 6890N GC - 5973I
Lab File ID: 0723-01S.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 500-20723-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0311
Date Prepared: 08/23/2009 0311

Analysis Batch: 500-70371
Prep Batch: N/A

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 0723-01T.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| trans-1,3-Dichloropropene | 77 | 77 | 59 - 120 | 0 | 20 | | |
| 1,1,2-Trichloroethane | 103 | 96 | 68 - 126 | 7 | 20 | | |
| Tetrachloroethene | 83 | 87 | 70 - 120 | 5 | 20 | | |
| 1,3-Dichloropropane | 90 | 95 | 77 - 120 | 5 | 20 | | |
| 2-Hexanone | 107 | 119 | 56 - 120 | 10 | 20 | | |
| Dibromochloromethane | 88 | 94 | 64 - 120 | 7 | 20 | | |
| 1,2-Dibromoethane | 96 | 94 | 72 - 120 | 2 | 20 | | |
| Chlorobenzene | 89 | 93 | 75 - 120 | 4 | 20 | | |
| 1,1,1,2-Tetrachloroethane | 95 | 99 | 70 - 121 | 4 | 20 | | |
| Ethylbenzene | 85 | 88 | 76 - 120 | 4 | 20 | | |
| m&p-Xylene | 86 | 89 | 74 - 120 | 3 | 20 | | |
| o-Xylene | 88 | 89 | 74 - 120 | 1 | 20 | | |
| Styrene | 90 | 93 | 76 - 120 | 3 | 20 | | |
| Bromoform | 105 | 110 | 58 - 120 | 5 | 20 | | |
| Isopropylbenzene | 76 | 81 | 64 - 120 | 7 | 20 | | |
| Bromobenzene | 96 | 103 | 68 - 120 | 6 | 20 | | |
| 1,1,2,2-Tetrachloroethane | 98 | 103 | 69 - 120 | 4 | 20 | | |
| 1,2,3-Trichloropropane | 97 | 105 | 65 - 120 | 8 | 20 | | |
| N-Propylbenzene | 87 | 93 | 66 - 120 | 6 | 20 | | |
| 2-Chlorotoluene | 87 | 93 | 68 - 120 | 6 | 20 | | |
| 1,3,5-Trimethylbenzene | 89 | 94 | 68 - 120 | 6 | 20 | | |
| 4-Chlorotoluene | 86 | 92 | 65 - 120 | 6 | 20 | | |
| tert-Butylbenzene | 93 | 97 | 67 - 120 | 4 | 20 | | |
| 1,2,4-Trimethylbenzene | 90 | 95 | 70 - 120 | 5 | 20 | | |
| sec-Butylbenzene | 88 | 93 | 71 - 120 | 5 | 20 | | |
| 1,3-Dichlorobenzene | 93 | 98 | 73 - 120 | 4 | 20 | | |
| p-Isopropyltoluene | 92 | 96 | 70 - 120 | 5 | 20 | | |
| 1,4-Dichlorobenzene | 91 | 97 | 72 - 120 | 6 | 20 | | |
| n-Butylbenzene | 90 | 95 | 72 - 120 | 5 | 20 | | |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 500-70371**

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

MS Lab Sample ID: 500-20723-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0249
Date Prepared: 08/23/2009 0249

Analysis Batch: 500-70371
Prep Batch: N/A

Instrument ID: Agilent 6890N GC - 5973I
Lab File ID: 0723-01S.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 500-20723-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/23/2009 0311
Date Prepared: 08/23/2009 0311

Analysis Batch: 500-70371
Prep Batch: N/A

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 0723-01T.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | 95 | 101 | 62 - 131 | 6 | 20 | | |
| 1,2-Dibromo-3-Chloropropane | 92 | 102 | 55 - 130 | 10 | 20 | | |
| 1,2,4-Trichlorobenzene | 101 | 108 | 54 - 120 | 6 | 20 | | |
| Hexachlorobutadiene | 94 | 98 | 64 - 125 | 4 | 20 | | |
| Naphthalene | 104 | 114 | 51 - 120 | 9 | 20 | | |
| 1,2,3-Trichlorobenzene | 104 | 110 | 57 - 120 | 6 | 20 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | 98 | 72 - 135 |
| Toluene-d8 (Surr) | 99 | 95 | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102 | 99 | 77 - 120 |
| Dibromofluoromethane | 109 | 103 | 79 - 133 |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Method Blank - Batch: 500-70409**

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

Lab Sample ID: MB 500-70409/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 2222
Date Prepared: 08/24/2009 2222

Analysis Batch: 500-70409
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6M0824B.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| Benzene | <1.0 | | 0.16 | 1.0 |
| Dichlorodifluoromethane | <1.0 | | 0.29 | 1.0 |
| Chloromethane | <1.0 | | 0.33 | 1.0 |
| Vinyl chloride | <1.0 | | 0.23 | 1.0 |
| Bromomethane | <1.0 | | 0.44 | 1.0 |
| Chloroethane | <1.0 | | 0.45 | 1.0 |
| Trichlorofluoromethane | <1.0 | | 0.32 | 1.0 |
| 1,1-Dichloroethene | <1.0 | | 0.22 | 1.0 |
| Carbon disulfide | <5.0 | | 0.39 | 5.0 |
| Acetone | <5.0 | | 1.2 | 5.0 |
| Methylene Chloride | <2.0 | | 0.99 | 2.0 |
| trans-1,2-Dichloroethene | <1.0 | | 0.17 | 1.0 |
| 1,1-Dichloroethane | <1.0 | | 0.18 | 1.0 |
| 2,2-Dichloropropane | <1.0 | | 0.30 | 1.0 |
| cis-1,2-Dichloroethene | <1.0 | | 0.21 | 1.0 |
| Methyl Ethyl Ketone | <5.0 | | 0.83 | 5.0 |
| Bromochloromethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <1.0 | | 0.13 | 1.0 |
| 1,1,1-Trichloroethane | <1.0 | | 0.23 | 1.0 |
| 1,1-Dichloropropene | <1.0 | | 0.17 | 1.0 |
| Carbon tetrachloride | <1.0 | | 0.21 | 1.0 |
| 1,2-Dichloroethane | <1.0 | | 0.22 | 1.0 |
| Trichloroethene | <1.0 | | 0.20 | 1.0 |
| 1,2-Dichloropropane | <1.0 | | 0.23 | 1.0 |
| Dibromomethane | <1.0 | | 0.31 | 1.0 |
| Bromodichloromethane | <1.0 | | 0.18 | 1.0 |
| cis-1,3-Dichloropropene | <1.0 | | 0.16 | 1.0 |
| methyl isobutyl ketone | <5.0 | | 0.58 | 5.0 |
| Toluene | <1.0 | | 0.16 | 1.0 |
| trans-1,3-Dichloropropene | <1.0 | | 0.13 | 1.0 |
| 1,1,2-Trichloroethane | <1.0 | | 0.32 | 1.0 |
| Tetrachloroethene | <1.0 | | 0.14 | 1.0 |
| 1,3-Dichloropropane | <1.0 | | 0.17 | 1.0 |
| 2-Hexanone | <5.0 | | 0.77 | 5.0 |
| Dibromochloromethane | <1.0 | | 0.19 | 1.0 |
| 1,2-Dibromoethane | <1.0 | | 0.24 | 1.0 |
| Chlorobenzene | <1.0 | | 0.17 | 1.0 |
| 1,1,1,2-Tetrachloroethane | <1.0 | | 0.18 | 1.0 |
| Ethylbenzene | <1.0 | | 0.17 | 1.0 |
| m&p-Xylene | <2.0 | | 0.23 | 2.0 |
| o-Xylene | <1.0 | | 0.12 | 1.0 |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Method Blank - Batch: 500-70409**

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

Lab Sample ID: MB 500-70409/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 2222
Date Prepared: 08/24/2009 2222

Analysis Batch: 500-70409
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6M0824B.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| Styrene | <1.0 | | 0.15 | 1.0 |
| Bromoform | <1.0 | | 0.30 | 1.0 |
| Isopropylbenzene | <1.0 | | 0.14 | 1.0 |
| Bromobenzene | <1.0 | | 0.15 | 1.0 |
| 1,1,2,2-Tetrachloroethane | <1.0 | | 0.25 | 1.0 |
| 1,2,3-Trichloropropane | <1.0 | | 0.39 | 1.0 |
| N-Propylbenzene | <1.0 | | 0.11 | 1.0 |
| 2-Chlorotoluene | <1.0 | | 0.16 | 1.0 |
| 1,3,5-Trimethylbenzene | <1.0 | | 0.14 | 1.0 |
| 4-Chlorotoluene | <1.0 | | 0.14 | 1.0 |
| tert-Butylbenzene | <1.0 | | 0.13 | 1.0 |
| 1,2,4-Trimethylbenzene | <1.0 | | 0.12 | 1.0 |
| sec-Butylbenzene | <1.0 | | 0.14 | 1.0 |
| 1,3-Dichlorobenzene | <1.0 | | 0.19 | 1.0 |
| p-Isopropyltoluene | <1.0 | | 0.12 | 1.0 |
| 1,4-Dichlorobenzene | <1.0 | | 0.15 | 1.0 |
| n-Butylbenzene | <1.0 | | 0.13 | 1.0 |
| 1,2-Dichlorobenzene | <1.0 | | 0.15 | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 0.85 | 2.0 |
| 1,2,4-Trichlorobenzene | <1.0 | | 0.20 | 1.0 |
| Hexachlorobutadiene | <1.0 | | 0.27 | 1.0 |
| Naphthalene | <1.0 | | 0.32 | 1.0 |
| 1,2,3-Trichlorobenzene | <1.0 | | 0.20 | 1.0 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 100 | 72 - 135 |
| Toluene-d8 (Surr) | 96 | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100 | 77 - 120 |
| Dibromofluoromethane | 107 | 79 - 133 |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Lab Control Sample - Batch: 500-70409**

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

Lab Sample ID: LCS 500-70409/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 2136
Date Prepared: 08/24/2009 2136

Analysis Batch: 500-70409
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6S0824A.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Benzene | 25.0 | 25.4 | 102 | 70 - 120 | |
| Dichlorodifluoromethane | 25.0 | 16.2 | 65 | 58 - 186 | |
| Chloromethane | 25.0 | 23.7 | 95 | 56 - 133 | |
| Vinyl chloride | 25.0 | 26.8 | 107 | 75 - 158 | |
| Bromomethane | 25.0 | 13.5 | 54 | 56 - 154 | * |
| Chloroethane | 25.0 | 27.0 | 108 | 60 - 144 | |
| Trichlorofluoromethane | 25.0 | 23.3 | 93 | 58 - 146 | |
| 1,1-Dichloroethene | 25.0 | 26.0 | 104 | 55 - 129 | |
| Carbon disulfide | 25.0 | 20.4 | 82 | 31 - 146 | |
| Acetone | 25.0 | 24.9 | 100 | 29 - 152 | |
| Methylene Chloride | 25.0 | 25.5 | 102 | 63 - 128 | |
| trans-1,2-Dichloroethene | 25.0 | 26.9 | 108 | 66 - 120 | |
| 1,1-Dichloroethane | 25.0 | 26.9 | 107 | 65 - 120 | |
| 2,2-Dichloropropane | 25.0 | 21.8 | 87 | 59 - 121 | |
| cis-1,2-Dichloroethene | 25.0 | 25.9 | 104 | 72 - 123 | |
| Methyl Ethyl Ketone | 25.0 | 33.8 | 135 | 47 - 138 | |
| Bromochloromethane | 25.0 | 23.3 | 93 | 63 - 122 | |
| Chloroform | 25.0 | 25.9 | 104 | 70 - 120 | |
| 1,1,1-Trichloroethane | 25.0 | 25.2 | 101 | 64 - 122 | |
| 1,1-Dichloropropene | 25.0 | 27.4 | 109 | 70 - 120 | |
| Carbon tetrachloride | 25.0 | 26.4 | 105 | 62 - 122 | |
| 1,2-Dichloroethane | 25.0 | 27.5 | 110 | 62 - 120 | |
| Trichloroethene | 25.0 | 28.6 | 114 | 71 - 120 | |
| 1,2-Dichloropropane | 25.0 | 27.8 | 111 | 75 - 120 | |
| Dibromomethane | 25.0 | 27.6 | 110 | 72 - 120 | |
| Bromodichloromethane | 25.0 | 26.2 | 105 | 74 - 120 | |
| cis-1,3-Dichloropropene | 26.9 | 25.5 | 95 | 65 - 120 | |
| methyl isobutyl ketone | 25.0 | 32.4 | 130 | 59 - 120 | * |
| Toluene | 25.0 | 26.0 | 104 | 72 - 120 | |
| trans-1,3-Dichloropropene | 24.3 | 22.1 | 91 | 59 - 120 | |
| 1,1,2-Trichloroethane | 25.0 | 29.4 | 118 | 68 - 126 | |
| Tetrachloroethene | 25.0 | 25.3 | 101 | 70 - 120 | |
| 1,3-Dichloropropane | 25.0 | 26.7 | 107 | 77 - 120 | |
| 2-Hexanone | 25.0 | 31.7 | 127 | 56 - 120 | * |
| Dibromochloromethane | 25.0 | 26.6 | 106 | 64 - 120 | |
| 1,2-Dibromoethane | 25.0 | 28.9 | 116 | 72 - 120 | |
| Chlorobenzene | 25.0 | 27.8 | 111 | 75 - 120 | |
| 1,1,1,2-Tetrachloroethane | 25.0 | 29.3 | 117 | 70 - 121 | |
| Ethylbenzene | 25.0 | 26.2 | 105 | 76 - 120 | |
| m&p-Xylene | 50.0 | 53.9 | 108 | 74 - 120 | |
| o-Xylene | 25.0 | 27.4 | 110 | 74 - 120 | |

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

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Lab Control Sample - Batch: 500-70409**

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

Lab Sample ID: LCS 500-70409/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/24/2009 2136
Date Prepared: 08/24/2009 2136

Analysis Batch: 500-70409
Prep Batch: N/A
Units: ug/L

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6S0824A.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Styrene | 25.0 | 28.2 | 113 | 76 - 120 | |
| Bromoform | 25.0 | 32.6 | 131 | 58 - 120 | * |
| Isopropylbenzene | 25.0 | 23.7 | 95 | 64 - 120 | |
| Bromobenzene | 25.0 | 29.8 | 119 | 68 - 120 | |
| 1,1,2,2-Tetrachloroethane | 25.0 | 28.3 | 113 | 69 - 120 | |
| 1,2,3-Trichloropropane | 25.0 | 28.9 | 116 | 65 - 120 | |
| N-Propylbenzene | 25.0 | 27.4 | 109 | 66 - 120 | |
| 2-Chlorotoluene | 25.0 | 27.4 | 109 | 68 - 120 | |
| 1,3,5-Trimethylbenzene | 25.0 | 27.5 | 110 | 68 - 120 | |
| 4-Chlorotoluene | 25.0 | 26.8 | 107 | 65 - 120 | |
| tert-Butylbenzene | 25.0 | 28.7 | 115 | 67 - 120 | |
| 1,2,4-Trimethylbenzene | 25.0 | 27.6 | 110 | 70 - 120 | |
| sec-Butylbenzene | 25.0 | 27.2 | 109 | 71 - 120 | |
| 1,3-Dichlorobenzene | 25.0 | 28.1 | 112 | 73 - 120 | |
| p-Isopropyltoluene | 25.0 | 28.2 | 113 | 70 - 120 | |
| 1,4-Dichlorobenzene | 25.0 | 28.0 | 112 | 72 - 120 | |
| n-Butylbenzene | 25.0 | 28.0 | 112 | 72 - 120 | |
| 1,2-Dichlorobenzene | 25.0 | 28.2 | 113 | 62 - 131 | |
| 1,2-Dibromo-3-Chloropropane | 25.0 | 27.7 | 111 | 55 - 130 | |
| 1,2,4-Trichlorobenzene | 25.0 | 30.7 | 123 | 54 - 120 | * |
| Hexachlorobutadiene | 25.0 | 28.9 | 116 | 64 - 125 | |
| Naphthalene | 25.0 | 30.7 | 123 | 51 - 120 | * |
| 1,2,3-Trichlorobenzene | 25.0 | 30.8 | 123 | 57 - 120 | * |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 97 | 72 - 135 |
| Toluene-d8 (Surr) | 96 | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 104 | 77 - 120 |
| Dibromofluoromethane | 107 | 79 - 133 |

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

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

**EFFECTIVE 7/1/09 OUR NEW ZIP CODE IS 60484**

Report To (optional)
Contact: Greg Flasiuk
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

## Chain of Custody Record

Lab Job #: 500-20723
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 3.1

08/25/2009

Client: Black + Decker
Client Project #: 02501.004.004.0200
Project Name:
Project Location/State: Hayesstead, MA
Lab Project #:
Sampler: Greg Flasiuk
Lab PM: Dick Wright

Preservative: HCl
Parameter: VOC

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
8. Other

| Lab ID | MS/MSD | Sample ID | Sampling Date | Sampling Time | # of Containers | Matrix | VOC | Comments |
|---|---|---|---|---|---|---|---|---|
| 1 | | RFW-1A | 8/18/09 | 825 | 3 | W | ✓ | |
| 2 | | RFW-1B | 8/18/09 | 1730 | | | ✓ | |
| 3 | | RFW-2A | 8/18/09 | 930 | | | ✓ | |
| 4 | | RFW-2B | 8/18/09 | 955 | | | ✓ | |
| 5 | | RFW-3B | 8/18/09 | 1745 | | | ✓ | |
| 6 | | RFW-4A | 8/19/09 | 905 | | | ✓ | |
| 7 | | RFW-4A Dup | 8/19/09 | 905 | | | ✓ | |
| 8 | | RFW-4B | 8/19/09 | 940 | | | ✓ | |
| 9 | | RFW-6 | 8/19/09 | 0715 | | | ✓ | |
| 10 | | RFW-7 | 8/18/09 | 1035 | | | ✓ | |

Page 78 of 81

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 10 Days ___ 15 Days _____ Other

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

| | Company | Date | Time |
|---|---|---|---|
| Relinquished By | | 8/20/09 | 1600 |
| Relinquished By | | | |
| Relinquished By | | | |

| | Company | Date | Time |
|---|---|---|---|
| Received By | TA | 8/21/09 | 1015 |
| Received By | | | |
| Received By | | | |

Lab Courier:
Shipped: FX
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments:

Lab Comments:

TAL-4124-500 (1008)

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

**EFFECTIVE 7/1/09 OUR NEW ZIP CODE IS 60484**

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

## Chain of Custody Record

Lab Job #: 500-20723
Chain of Custody Number:
Page 2 of 3
Temperature °C of Cooler:

08/25/2009

Client: Black + Decker
Client Project #: 62501.004.004.0200
Project Name:
Project Location/State: Hampstead MD
Lab Project #:
Sampler: Greg Pkosh
Lab PM:
Preservative: HCl
Parameter: VOC

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
8. Other

| Lab ID | MS/MSD | Sample ID | Sampling Date | Sampling Time | # of Containers | Matrix | VOC | Comments |
|---|---|---|---|---|---|---|---|---|
| 11 | | RFW-9 | 8/19/09 | 1200 | 3 | W | ✓ | |
| 12 | | RFW-11B | 8/19/09 | 1055 | | | ✓ | |
| 13 | | RFW-12B | 8/19/09 | 725 | | | ✓ | |
| 14 | | RFW-13 | 8/18/09 | 1515 | | | ✓ | |
| 15 | | RFW-17 | 8/18/09 | 1110 | | | ✓ | |
| 16 | | Trip Blank | 8/18/09 | 0700 | 1 | 1 | ✓ | |

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Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days _____ Other

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

| | Company | Date | Time | | Company | Date | Time |
|---|---|---|---|---|---|---|---|
| Relinquished By | | 8/20/09 | 1600 | Received By | TA | 8/21/09 | 1015 |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |

Lab Courier
Shipped FX
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (1008)

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

**EFFECTIVE 7/1/09 OUR NEW ZIP CODE IS 60484**

## Chain of Custody Record

Lab Job #: 500-20723

Chain of Custody Number:

Page 3 of 3

Temperature °C of Cooler:

08/25/2009

Report To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Client: Black + Decker
Client Project #: 01SD1.004.004.0202
Project Name:
Project Location/State:
Lab Project #:
Sampler:
Lab PM:

Preservative: HCl
Parameter: VOC

| Lab ID | MS/MSD | Sample ID | Sampling Date | Sampling Time | # of Containers | Matrix | |
|---|---|---|---|---|---|---|---|
| 17 | | Ew-2 | 8/18/09 | 1025 | 3 | W | ✓ |
| 18 | | Ew-3 | 8/19/09 | 1020 | | | ✓ |
| 19 | | Ew-4 | | 1100 | | | ✓ |
| 20 | | Ew-5 | | 1120 | | | ✓ |
| 21 | | Ew-6 | | 935 | | | ✓ |
| 22 | | Ew-7 | | 930 | | | ✓ |
| 23 | | Ew-8 | | 920 | | | ✓ |
| 24 | | Ew-9 | | 910 | | | ✓ |
| 25 | | Ew-9 Dup | | 910 | | | ✓ |
| 26 | | Ew-10 | | 900 | | | ✓ |

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
8. Other

Comments

Page 80 of 81

Turnaround Time Required (Business Days)
1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days ___ Other

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time | Lab Courier |
| Relinquished By | Company | 8/20/09 | 1600 | Received By | TA | 8/21/09 | 1015 | Shipped FX |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time | Hand Delivered |

Matrix Key

| | |
|---|---|
| WW – Wastewater | SE – Sediment |
| W – Water | SO – Soil |
| S – Soil | L – Leachate |
| SL – Sludge | WI – Wipe |
| MS – Miscellaneous | DW – Drinking Water |
| OL – Oil | O – Other |
| A – Air | |

Client Comments

Lab Comments:

# Login Sample Receipt Check List

Client: Weston Solutions, Inc.

Job Number: 500-20723-1

**Login Number: 20723**
**Creator: Lunt, Jeff T**
**List Number: 1**

**List Source: TestAmerica Chicago**

| 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 | 3.1 |
| 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 | |
| Is the Field Sampler's name present on COC? | True | |
| Sample Preservation Verified | True | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

Job Number: 680-50124-1

Job Description: Black & Decker

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

Attention: Greg Flasinski

Approved for release.
Abbie Page
Project Manager I
8/31/2009 5:06 PM

Abbie Page
Project Manager I
abbie.page@testamericainc.com
08/31/2009

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

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ACCREDITED IN ACCORDANCE WITH nelac

# METHOD SUMMARY

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

| Description | Lab Location | Method | Preparation Method |
|---|---|---|---|
| **Matrix Water** | | | |
| Volatile Organic Compounds (GC/MS) | TAL SAV | EPA-DW 524.2 | |

**Lab References:**

TAL SAV = TestAmerica Savannah

**Method References:**

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

## SAMPLE SUMMARY

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | Date/Time Received |
|---|---|---|---|---|
| 680-50124-1 | RFW-20 | Drinking Water | 08/19/2009 0730 | 08/21/2009 0940 |
| 680-50124-2 | RFW-21 | Drinking Water | 08/18/2009 1300 | 08/21/2009 0940 |
| 680-50124-3 | HAMP-22 | Drinking Water | 08/19/2009 0845 | 08/21/2009 0940 |
| 680-50124-4 | HAMP-23 | Drinking Water | 08/19/2009 0850 | 08/21/2009 0940 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **RFW-20**

Lab Sample ID: 680-50124-1
Client Matrix: Drinking Water

Date Sampled: 08/19/2009 0730
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/28/2009 2357
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0008.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | <10 | | 5.0 | 10 |
| Benzene | <0.50 | | 0.18 | 0.50 |
| Bromobenzene | <0.50 | | 0.42 | 0.50 |
| Bromoform | <0.50 | | 0.39 | 0.50 |
| Bromomethane | <1.0 | | 0.45 | 1.0 |
| Carbon tetrachloride | <0.50 | | 0.22 | 0.50 |
| Chlorobenzene | <0.50 | | 0.27 | 0.50 |
| Chlorobromomethane | <0.50 | | 0.30 | 0.50 |
| Chlorodibromomethane | <0.50 | | 0.43 | 0.50 |
| Chloroethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <0.50 | | 0.29 | 0.50 |
| Chloromethane | <0.50 | | 0.32 | 0.50 |
| 2-Chlorotoluene | <0.50 | | 0.17 | 0.50 |
| 4-Chlorotoluene | <0.50 | | 0.16 | 0.50 |
| cis-1,2-Dichloroethene | <0.50 | | 0.37 | 0.50 |
| cis-1,3-Dichloropropene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <0.50 | | 0.30 | 0.50 |
| Dibromomethane | <0.50 | | 0.38 | 0.50 |
| 1,2-Dichlorobenzene | <0.50 | | 0.17 | 0.50 |
| 1,3-Dichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,4-Dichlorobenzene | <0.50 | | 0.18 | 0.50 |
| Dichlorobromomethane | <1.0 | | 0.54 | 1.0 |
| Dichlorodifluoromethane | <0.50 | | 0.34 | 0.50 |
| 1,1-Dichloroethane | <0.50 | | 0.39 | 0.50 |
| 1,2-Dichloroethane | <0.50 | | 0.17 | 0.50 |
| 1,1-Dichloroethene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dichloropropane | <0.50 | | 0.45 | 0.50 |
| 1,3-Dichloropropane | <0.50 | | 0.43 | 0.50 |
| 2,2-Dichloropropane | <0.50 | | 0.31 | 0.50 |
| 1,1-Dichloropropene | <0.50 | | 0.19 | 0.50 |
| 1,3-Dichloropropene, Total | <0.50 | | 0.32 | 0.50 |
| Diisopropyl ether | <0.50 | | 0.28 | 0.50 |
| Ethylbenzene | <0.50 | | 0.12 | 0.50 |
| Ethylene Dibromide | <0.50 | | 0.20 | 0.50 |
| Freon 113 | <0.50 | | 0.15 | 0.50 |
| Hexachlorobutadiene | <0.50 | | 0.26 | 0.50 |
| 2-Hexanone | <10 | | 5.0 | 10 |
| Isopropylbenzene | <0.50 | | 0.15 | 0.50 |
| 4-Isopropyltoluene | <0.50 | | 0.21 | 0.50 |
| Methylene Chloride | <0.50 | | 0.36 | 0.50 |
| 2-Butanone (MEK) | <10 | | 5.0 | 10 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 5.0 | 10 |
| m-Xylene & p-Xylene | <0.50 | | 0.42 | 0.50 |
| Naphthalene | <1.0 | | 0.43 | 1.0 |
| n-Butylbenzene | <0.50 | | 0.17 | 0.50 |
| N-Propylbenzene | <0.50 | | 0.17 | 0.50 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **RFW-20**

Lab Sample ID: 680-50124-1
Client Matrix: Drinking Water

Date Sampled: 08/19/2009 0730
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/28/2009 2357
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0008.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| o-Xylene | <0.50 | | 0.27 | 0.50 |
| sec-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Styrene | <0.50 | | 0.28 | 0.50 |
| Tert-amyl methyl ether | <0.50 | | 0.20 | 0.50 |
| tert-Butyl alcohol | <2.0 | | 1.6 | 2.0 |
| tert-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Tert-butyl ethyl ether | <0.50 | | 0.26 | 0.50 |
| 1,1,1,2-Tetrachloroethane | <0.50 | | 0.16 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 0.18 | 0.50 |
| Tetrachloroethene | <0.50 | | 0.30 | 0.50 |
| Toluene | <0.50 | | 0.23 | 0.50 |
| trans-1,2-Dichloroethene | <0.50 | | 0.24 | 0.50 |
| trans-1,3-Dichloropropene | <0.50 | | 0.48 | 0.50 |
| 1,2,3-Trichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,2,4-Trichlorobenzene | <0.50 | | 0.18 | 0.50 |
| 1,1,1-Trichloroethane | <0.50 | | 0.27 | 0.50 |
| 1,1,2-Trichloroethane | <0.50 | | 0.22 | 0.50 |
| Trichloroethene | 0.49 | J | 0.37 | 0.50 |
| Trichlorofluoromethane | <0.50 | | 0.23 | 0.50 |
| 1,2,3-Trichloropropane | <0.50 | | 0.18 | 0.50 |
| Trihalomethanes, Total | <0.50 | | 0.29 | 0.50 |
| 1,2,4-Trimethylbenzene | <0.50 | | 0.17 | 0.50 |
| 1,3,5-Trimethylbenzene | <0.50 | | 0.16 | 0.50 |
| Vinyl chloride | <0.50 | | 0.33 | 0.50 |
| Xylenes, Total | <0.50 | | 0.27 | 0.50 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| 4-Bromofluorobenzene | 99 | | 70 - 130 |
| 1,2-Dichlorobenzene-d4 | 95 | | 70 - 130 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **RFW-21**

Lab Sample ID: 680-50124-2
Client Matrix: Drinking Water

Date Sampled: 08/18/2009 1300
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/28/2009 2334
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0007.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | <10 | | 5.0 | 10 |
| Benzene | <0.50 | | 0.18 | 0.50 |
| Bromobenzene | <0.50 | | 0.42 | 0.50 |
| Bromoform | <0.50 | | 0.39 | 0.50 |
| Bromomethane | <1.0 | | 0.45 | 1.0 |
| Carbon tetrachloride | <0.50 | | 0.22 | 0.50 |
| Chlorobenzene | <0.50 | | 0.27 | 0.50 |
| Chlorobromomethane | <0.50 | | 0.30 | 0.50 |
| Chlorodibromomethane | <0.50 | | 0.43 | 0.50 |
| Chloroethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <0.50 | | 0.29 | 0.50 |
| Chloromethane | <0.50 | | 0.32 | 0.50 |
| 2-Chlorotoluene | <0.50 | | 0.17 | 0.50 |
| 4-Chlorotoluene | <0.50 | | 0.16 | 0.50 |
| cis-1,2-Dichloroethene | <0.50 | | 0.37 | 0.50 |
| cis-1,3-Dichloropropene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <0.50 | | 0.30 | 0.50 |
| Dibromomethane | <0.50 | | 0.38 | 0.50 |
| 1,2-Dichlorobenzene | <0.50 | | 0.17 | 0.50 |
| 1,3-Dichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,4-Dichlorobenzene | <0.50 | | 0.18 | 0.50 |
| Dichlorobromomethane | <1.0 | | 0.54 | 1.0 |
| Dichlorodifluoromethane | <0.50 | | 0.34 | 0.50 |
| 1,1-Dichloroethane | <0.50 | | 0.39 | 0.50 |
| 1,2-Dichloroethane | <0.50 | | 0.17 | 0.50 |
| 1,1-Dichloroethene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dichloropropane | <0.50 | | 0.45 | 0.50 |
| 1,3-Dichloropropane | <0.50 | | 0.43 | 0.50 |
| 2,2-Dichloropropane | <0.50 | | 0.31 | 0.50 |
| 1,1-Dichloropropene | <0.50 | | 0.19 | 0.50 |
| 1,3-Dichloropropene, Total | <0.50 | | 0.32 | 0.50 |
| Diisopropyl ether | <0.50 | | 0.28 | 0.50 |
| Ethylbenzene | <0.50 | | 0.12 | 0.50 |
| Ethylene Dibromide | <0.50 | | 0.20 | 0.50 |
| Freon 113 | <0.50 | | 0.15 | 0.50 |
| Hexachlorobutadiene | <0.50 | | 0.26 | 0.50 |
| 2-Hexanone | <10 | | 5.0 | 10 |
| Isopropylbenzene | <0.50 | | 0.15 | 0.50 |
| 4-Isopropyltoluene | <0.50 | | 0.21 | 0.50 |
| Methylene Chloride | <0.50 | | 0.36 | 0.50 |
| 2-Butanone (MEK) | <10 | | 5.0 | 10 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 5.0 | 10 |
| m-Xylene & p-Xylene | <0.50 | | 0.42 | 0.50 |
| Naphthalene | <1.0 | | 0.43 | 1.0 |
| n-Butylbenzene | <0.50 | | 0.17 | 0.50 |
| N-Propylbenzene | <0.50 | | 0.17 | 0.50 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **RFW-21**

Lab Sample ID: 680-50124-2
Client Matrix: Drinking Water

Date Sampled: 08/18/2009 1300
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/28/2009 2334
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0007.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| o-Xylene | <0.50 | | 0.27 | 0.50 |
| sec-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Styrene | <0.50 | | 0.28 | 0.50 |
| Tert-amyl methyl ether | <0.50 | | 0.20 | 0.50 |
| tert-Butyl alcohol | <2.0 | | 1.6 | 2.0 |
| tert-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Tert-butyl ethyl ether | <0.50 | | 0.26 | 0.50 |
| 1,1,1,2-Tetrachloroethane | <0.50 | | 0.16 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 0.18 | 0.50 |
| Tetrachloroethene | <0.50 | | 0.30 | 0.50 |
| Toluene | <0.50 | | 0.23 | 0.50 |
| trans-1,2-Dichloroethene | <0.50 | | 0.24 | 0.50 |
| trans-1,3-Dichloropropene | <0.50 | | 0.48 | 0.50 |
| 1,2,3-Trichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,2,4-Trichlorobenzene | <0.50 | | 0.18 | 0.50 |
| 1,1,1-Trichloroethane | <0.50 | | 0.27 | 0.50 |
| 1,1,2-Trichloroethane | <0.50 | | 0.22 | 0.50 |
| Trichloroethene | <0.50 | | 0.37 | 0.50 |
| Trichlorofluoromethane | <0.50 | | 0.23 | 0.50 |
| 1,2,3-Trichloropropane | <0.50 | | 0.18 | 0.50 |
| Trihalomethanes, Total | <0.50 | | 0.29 | 0.50 |
| 1,2,4-Trimethylbenzene | <0.50 | | 0.17 | 0.50 |
| 1,3,5-Trimethylbenzene | <0.50 | | 0.16 | 0.50 |
| Vinyl chloride | <0.50 | | 0.33 | 0.50 |
| Xylenes, Total | <0.50 | | 0.27 | 0.50 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| 4-Bromofluorobenzene | 102 | | 70 - 130 |
| 1,2-Dichlorobenzene-d4 | 94 | | 70 - 130 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **HAMP-22**

Lab Sample ID: 680-50124-3
Client Matrix: Drinking Water

Date Sampled: 08/19/2009 0845
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/29/2009 0019
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0009.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | <10 | | 5.0 | 10 |
| Benzene | <0.50 | | 0.18 | 0.50 |
| Bromobenzene | <0.50 | | 0.42 | 0.50 |
| Bromoform | <0.50 | | 0.39 | 0.50 |
| Bromomethane | <1.0 | | 0.45 | 1.0 |
| Carbon tetrachloride | <0.50 | | 0.22 | 0.50 |
| Chlorobenzene | <0.50 | | 0.27 | 0.50 |
| Chlorobromomethane | <0.50 | | 0.30 | 0.50 |
| Chlorodibromomethane | <0.50 | | 0.43 | 0.50 |
| Chloroethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <0.50 | | 0.29 | 0.50 |
| Chloromethane | <0.50 | | 0.32 | 0.50 |
| 2-Chlorotoluene | <0.50 | | 0.17 | 0.50 |
| 4-Chlorotoluene | <0.50 | | 0.16 | 0.50 |
| cis-1,2-Dichloroethene | <0.50 | | 0.37 | 0.50 |
| cis-1,3-Dichloropropene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <0.50 | | 0.30 | 0.50 |
| Dibromomethane | <0.50 | | 0.38 | 0.50 |
| 1,2-Dichlorobenzene | <0.50 | | 0.17 | 0.50 |
| 1,3-Dichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,4-Dichlorobenzene | <0.50 | | 0.18 | 0.50 |
| Dichlorobromomethane | <1.0 | | 0.54 | 1.0 |
| Dichlorodifluoromethane | <0.50 | | 0.34 | 0.50 |
| 1,1-Dichloroethane | <0.50 | | 0.39 | 0.50 |
| 1,2-Dichloroethane | <0.50 | | 0.17 | 0.50 |
| 1,1-Dichloroethene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dichloropropane | <0.50 | | 0.45 | 0.50 |
| 1,3-Dichloropropane | <0.50 | | 0.43 | 0.50 |
| 2,2-Dichloropropane | <0.50 | | 0.31 | 0.50 |
| 1,1-Dichloropropene | <0.50 | | 0.19 | 0.50 |
| 1,3-Dichloropropene, Total | <0.50 | | 0.32 | 0.50 |
| Diisopropyl ether | <0.50 | | 0.28 | 0.50 |
| Ethylbenzene | <0.50 | | 0.12 | 0.50 |
| Ethylene Dibromide | <0.50 | | 0.20 | 0.50 |
| Freon 113 | <0.50 | | 0.15 | 0.50 |
| Hexachlorobutadiene | <0.50 | | 0.26 | 0.50 |
| 2-Hexanone | <10 | | 5.0 | 10 |
| Isopropylbenzene | <0.50 | | 0.15 | 0.50 |
| 4-Isopropyltoluene | <0.50 | | 0.21 | 0.50 |
| Methylene Chloride | <0.50 | | 0.36 | 0.50 |
| 2-Butanone (MEK) | <10 | | 5.0 | 10 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 5.0 | 10 |
| m-Xylene & p-Xylene | <0.50 | | 0.42 | 0.50 |
| Naphthalene | <1.0 | | 0.43 | 1.0 |
| n-Butylbenzene | <0.50 | | 0.17 | 0.50 |
| N-Propylbenzene | <0.50 | | 0.17 | 0.50 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **HAMP-22**

Lab Sample ID: 680-50124-3
Client Matrix: Drinking Water

Date Sampled: 08/19/2009 0845
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/29/2009 0019
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0009.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| o-Xylene | <0.50 | | 0.27 | 0.50 |
| sec-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Styrene | <0.50 | | 0.28 | 0.50 |
| Tert-amyl methyl ether | <0.50 | | 0.20 | 0.50 |
| tert-Butyl alcohol | <2.0 | | 1.6 | 2.0 |
| tert-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Tert-butyl ethyl ether | <0.50 | | 0.26 | 0.50 |
| 1,1,1,2-Tetrachloroethane | <0.50 | | 0.16 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 0.18 | 0.50 |
| Tetrachloroethene | <0.50 | | 0.30 | 0.50 |
| Toluene | <0.50 | | 0.23 | 0.50 |
| trans-1,2-Dichloroethene | <0.50 | | 0.24 | 0.50 |
| trans-1,3-Dichloropropene | <0.50 | | 0.48 | 0.50 |
| 1,2,3-Trichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,2,4-Trichlorobenzene | <0.50 | | 0.18 | 0.50 |
| 1,1,1-Trichloroethane | <0.50 | | 0.27 | 0.50 |
| 1,1,2-Trichloroethane | <0.50 | | 0.22 | 0.50 |
| Trichloroethene | <0.50 | | 0.37 | 0.50 |
| Trichlorofluoromethane | <0.50 | | 0.23 | 0.50 |
| 1,2,3-Trichloropropane | <0.50 | | 0.18 | 0.50 |
| Trihalomethanes, Total | <0.50 | | 0.29 | 0.50 |
| 1,2,4-Trimethylbenzene | <0.50 | | 0.17 | 0.50 |
| 1,3,5-Trimethylbenzene | <0.50 | | 0.16 | 0.50 |
| Vinyl chloride | <0.50 | | 0.33 | 0.50 |
| Xylenes, Total | <0.50 | | 0.27 | 0.50 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| 4-Bromofluorobenzene | 99 | | 70 - 130 |
| 1,2-Dichlorobenzene-d4 | 93 | | 70 - 130 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **HAMP-23**

Lab Sample ID: 680-50124-4
Client Matrix: Drinking Water

Date Sampled: 08/19/2009 0850
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/29/2009 0042
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0010.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | <10 | | 5.0 | 10 |
| Benzene | <0.50 | | 0.18 | 0.50 |
| Bromobenzene | <0.50 | | 0.42 | 0.50 |
| Bromoform | <0.50 | | 0.39 | 0.50 |
| Bromomethane | <1.0 | | 0.45 | 1.0 |
| Carbon tetrachloride | <0.50 | | 0.22 | 0.50 |
| Chlorobenzene | <0.50 | | 0.27 | 0.50 |
| Chlorobromomethane | <0.50 | | 0.30 | 0.50 |
| Chlorodibromomethane | <0.50 | | 0.43 | 0.50 |
| Chloroethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <0.50 | | 0.29 | 0.50 |
| Chloromethane | <0.50 | | 0.32 | 0.50 |
| 2-Chlorotoluene | <0.50 | | 0.17 | 0.50 |
| 4-Chlorotoluene | <0.50 | | 0.16 | 0.50 |
| cis-1,2-Dichloroethene | <0.50 | | 0.37 | 0.50 |
| cis-1,3-Dichloropropene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <0.50 | | 0.30 | 0.50 |
| Dibromomethane | <0.50 | | 0.38 | 0.50 |
| 1,2-Dichlorobenzene | <0.50 | | 0.17 | 0.50 |
| 1,3-Dichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,4-Dichlorobenzene | <0.50 | | 0.18 | 0.50 |
| Dichlorobromomethane | <1.0 | | 0.54 | 1.0 |
| Dichlorodifluoromethane | <0.50 | | 0.34 | 0.50 |
| 1,1-Dichloroethane | <0.50 | | 0.39 | 0.50 |
| 1,2-Dichloroethane | <0.50 | | 0.17 | 0.50 |
| 1,1-Dichloroethene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dichloropropane | <0.50 | | 0.45 | 0.50 |
| 1,3-Dichloropropane | <0.50 | | 0.43 | 0.50 |
| 2,2-Dichloropropane | <0.50 | | 0.31 | 0.50 |
| 1,1-Dichloropropene | <0.50 | | 0.19 | 0.50 |
| 1,3-Dichloropropene, Total | <0.50 | | 0.32 | 0.50 |
| Diisopropyl ether | <0.50 | | 0.28 | 0.50 |
| Ethylbenzene | <0.50 | | 0.12 | 0.50 |
| Ethylene Dibromide | <0.50 | | 0.20 | 0.50 |
| Freon 113 | <0.50 | | 0.15 | 0.50 |
| Hexachlorobutadiene | <0.50 | | 0.26 | 0.50 |
| 2-Hexanone | <10 | | 5.0 | 10 |
| Isopropylbenzene | <0.50 | | 0.15 | 0.50 |
| 4-Isopropyltoluene | <0.50 | | 0.21 | 0.50 |
| Methylene Chloride | <0.50 | | 0.36 | 0.50 |
| 2-Butanone (MEK) | <10 | | 5.0 | 10 |
| 4-Methyl-2-pentanone (MIBK) | <10 | | 5.0 | 10 |
| m-Xylene & p-Xylene | <0.50 | | 0.42 | 0.50 |
| Naphthalene | <1.0 | | 0.43 | 1.0 |
| n-Butylbenzene | <0.50 | | 0.17 | 0.50 |
| N-Propylbenzene | <0.50 | | 0.17 | 0.50 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Client Sample ID:** **HAMP-23**

Lab Sample ID: 680-50124-4
Client Matrix: Drinking Water

Date Sampled: 08/19/2009 0850
Date Received: 08/21/2009 0940

**524.2 Volatile Organic Compounds (GC/MS)**

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 08/29/2009 0042
Date Prepared:

Analysis Batch: 680-146690

Instrument ID: MSS
Lab File ID: s0010.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| o-Xylene | <0.50 | | 0.27 | 0.50 |
| sec-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Styrene | <0.50 | | 0.28 | 0.50 |
| Tert-amyl methyl ether | <0.50 | | 0.20 | 0.50 |
| tert-Butyl alcohol | <2.0 | | 1.6 | 2.0 |
| tert-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Tert-butyl ethyl ether | <0.50 | | 0.26 | 0.50 |
| 1,1,1,2-Tetrachloroethane | <0.50 | | 0.16 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 0.18 | 0.50 |
| Tetrachloroethene | <0.50 | | 0.30 | 0.50 |
| Toluene | <0.50 | | 0.23 | 0.50 |
| trans-1,2-Dichloroethene | <0.50 | | 0.24 | 0.50 |
| trans-1,3-Dichloropropene | <0.50 | | 0.48 | 0.50 |
| 1,2,3-Trichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,2,4-Trichlorobenzene | <0.50 | | 0.18 | 0.50 |
| 1,1,1-Trichloroethane | <0.50 | | 0.27 | 0.50 |
| 1,1,2-Trichloroethane | <0.50 | | 0.22 | 0.50 |
| Trichloroethene | <0.50 | | 0.37 | 0.50 |
| Trichlorofluoromethane | <0.50 | | 0.23 | 0.50 |
| 1,2,3-Trichloropropane | <0.50 | | 0.18 | 0.50 |
| Trihalomethanes, Total | <0.50 | | 0.29 | 0.50 |
| 1,2,4-Trimethylbenzene | <0.50 | | 0.17 | 0.50 |
| 1,3,5-Trimethylbenzene | <0.50 | | 0.16 | 0.50 |
| Vinyl chloride | <0.50 | | 0.33 | 0.50 |
| Xylenes, Total | <0.50 | | 0.27 | 0.50 |

| Surrogate | %Rec | Qualifier | Acceptance Limits |
|---|---|---|---|
| 4-Bromofluorobenzene | 101 | | 70 - 130 |
| 1,2-Dichlorobenzene-d4 | 98 | | 70 - 130 |

## DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 680-50124-1

| 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. |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

## Surrogate Recovery Report

**524.2 Volatile Organic Compounds (GC/MS)**

**Client Matrix: Water**

| Lab Sample ID | Client Sample ID | BFB %Rec | 12DCB %Rec |
|---|---|---|---|
| 680-50124-1 | RFW-20 | 99 | 95 |
| 680-50124-2 | RFW-21 | 102 | 94 |
| 680-50124-3 | HAMP-22 | 99 | 93 |
| 680-50124-4 | HAMP-23 | 101 | 98 |
| MB 680-146690/15 | | 102 | 102 |
| LCS 680-146690/13 | | 101 | 102 |
| LCSD 680-146690/14 | | 99 | 99 |

| Surrogate | Acceptance Limits |
|---|---|
| BFB = 4-Bromofluorobenzene | 70-130 |
| 12DCB = 1,2-Dichlorobenzene-d4 | 70-130 |

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Method Blank - Batch: 680-146690**

**Method: 524.2**
**Preparation: N/A**

Lab Sample ID: MB 680-146690/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 2053
Date Prepared: N/A

Analysis Batch: 680-146690
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - S
Lab File ID: sq019.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| Acetone | <10 | | 5.0 | 10 |
| Benzene | <0.50 | | 0.18 | 0.50 |
| Bromobenzene | <0.50 | | 0.42 | 0.50 |
| Bromoform | <0.50 | | 0.39 | 0.50 |
| Bromomethane | <1.0 | | 0.45 | 1.0 |
| Carbon tetrachloride | <0.50 | | 0.22 | 0.50 |
| Chlorobenzene | <0.50 | | 0.27 | 0.50 |
| Chlorobromomethane | <0.50 | | 0.30 | 0.50 |
| Chlorodibromomethane | <0.50 | | 0.43 | 0.50 |
| Chloroethane | <1.0 | | 0.33 | 1.0 |
| Chloroform | <0.50 | | 0.29 | 0.50 |
| Chloromethane | <0.50 | | 0.32 | 0.50 |
| 2-Chlorotoluene | <0.50 | | 0.17 | 0.50 |
| 4-Chlorotoluene | <0.50 | | 0.16 | 0.50 |
| cis-1,2-Dichloroethene | <0.50 | | 0.37 | 0.50 |
| cis-1,3-Dichloropropene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <0.50 | | 0.30 | 0.50 |
| Dibromomethane | <0.50 | | 0.38 | 0.50 |
| 1,2-Dichlorobenzene | <0.50 | | 0.17 | 0.50 |
| 1,3-Dichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,4-Dichlorobenzene | <0.50 | | 0.18 | 0.50 |
| Dichlorobromomethane | <1.0 | | 0.54 | 1.0 |
| Dichlorodifluoromethane | <0.50 | | 0.34 | 0.50 |
| 1,1-Dichloroethane | <0.50 | | 0.39 | 0.50 |
| 1,2-Dichloroethane | <0.50 | | 0.17 | 0.50 |
| 1,1-Dichloroethene | <0.50 | | 0.32 | 0.50 |
| 1,2-Dichloropropane | <0.50 | | 0.45 | 0.50 |
| 1,3-Dichloropropane | <0.50 | | 0.43 | 0.50 |
| 2,2-Dichloropropane | <0.50 | | 0.31 | 0.50 |
| 1,1-Dichloropropene | <0.50 | | 0.19 | 0.50 |
| 1,3-Dichloropropene, Total | <0.50 | | 0.32 | 0.50 |
| Diisopropyl ether | <0.50 | | 0.28 | 0.50 |
| Ethylbenzene | <0.50 | | 0.12 | 0.50 |
| Ethylene Dibromide | <0.50 | | 0.20 | 0.50 |
| Freon 113 | <0.50 | | 0.15 | 0.50 |
| Hexachlorobutadiene | <0.50 | | 0.26 | 0.50 |
| 2-Hexanone | <10 | | 5.0 | 10 |
| Isopropylbenzene | <0.50 | | 0.15 | 0.50 |
| 4-Isopropyltoluene | <0.50 | | 0.21 | 0.50 |
| Methylene Chloride | <0.50 | | 0.36 | 0.50 |
| 2-Butanone (MEK) | <10 | | 5.0 | 10 |

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

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Method Blank - Batch: 680-146690**

**Method: 524.2**
**Preparation: N/A**

Lab Sample ID: MB 680-146690/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 2053
Date Prepared: N/A

Analysis Batch: 680-146690
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - S
Lab File ID: sq019.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result | Qual | MDL | RL |
|---|---|---|---|---|
| 4-Methyl-2-pentanone (MIBK) | <10 | | 5.0 | 10 |
| m-Xylene & p-Xylene | <0.50 | | 0.42 | 0.50 |
| Naphthalene | <1.0 | | 0.43 | 1.0 |
| n-Butylbenzene | <0.50 | | 0.17 | 0.50 |
| N-Propylbenzene | <0.50 | | 0.17 | 0.50 |
| o-Xylene | <0.50 | | 0.27 | 0.50 |
| sec-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Styrene | <0.50 | | 0.28 | 0.50 |
| Tert-amyl methyl ether | <0.50 | | 0.20 | 0.50 |
| tert-Butyl alcohol | <2.0 | | 1.6 | 2.0 |
| tert-Butylbenzene | <0.50 | | 0.14 | 0.50 |
| Tert-butyl ethyl ether | <0.50 | | 0.26 | 0.50 |
| 1,1,1,2-Tetrachloroethane | <0.50 | | 0.16 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <0.50 | | 0.18 | 0.50 |
| Tetrachloroethene | <0.50 | | 0.30 | 0.50 |
| Toluene | <0.50 | | 0.23 | 0.50 |
| trans-1,2-Dichloroethene | <0.50 | | 0.24 | 0.50 |
| trans-1,3-Dichloropropene | <0.50 | | 0.48 | 0.50 |
| 1,2,3-Trichlorobenzene | <0.50 | | 0.14 | 0.50 |
| 1,2,4-Trichlorobenzene | <0.50 | | 0.18 | 0.50 |
| 1,1,1-Trichloroethane | <0.50 | | 0.27 | 0.50 |
| 1,1,2-Trichloroethane | <0.50 | | 0.22 | 0.50 |
| Trichloroethene | <0.50 | | 0.37 | 0.50 |
| Trichlorofluoromethane | <0.50 | | 0.23 | 0.50 |
| 1,2,3-Trichloropropane | <0.50 | | 0.18 | 0.50 |
| Trihalomethanes, Total | <0.50 | | 0.29 | 0.50 |
| 1,2,4-Trimethylbenzene | <0.50 | | 0.17 | 0.50 |
| 1,3,5-Trimethylbenzene | <0.50 | | 0.16 | 0.50 |
| Vinyl chloride | <0.50 | | 0.33 | 0.50 |
| Xylenes, Total | <0.50 | | 0.27 | 0.50 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 4-Bromofluorobenzene | 102 | 70 - 130 |
| 1,2-Dichlorobenzene-d4 | 102 | 70 - 130 |

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

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Lab Control Sample/**
**Lab Control Sample Duplicate Recovery Report - Batch: 680-146690**

**Method: 524.2**
**Preparation: N/A**

LCS Lab Sample ID: LCS 680-146690/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1857
Date Prepared: N/A

Analysis Batch: 680-146690
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - S
Lab File ID: sq017.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-146690/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/28/2009 1920
Date Prepared: N/A

Analysis Batch: 680-146690
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - S
Lab File ID: sq018.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | % Rec. LCS | % Rec. LCSD | Limit | RPD | RPD Limit | LCS Qual | LCSD Qual |
|---|---|---|---|---|---|---|---|
| Acetone | 118 | 122 | 70 - 130 | 3 | 30 | | |
| Benzene | 94 | 90 | 70 - 130 | 4 | 30 | | |
| Bromobenzene | 91 | 88 | 70 - 130 | 3 | 30 | | |
| Bromoform | 89 | 83 | 70 - 130 | 7 | 30 | | |
| Bromomethane | 88 | 91 | 70 - 130 | 4 | 30 | | |
| Carbon tetrachloride | 96 | 94 | 70 - 130 | 2 | 30 | | |
| Chlorobenzene | 93 | 90 | 70 - 130 | 3 | 30 | | |
| Chlorobromomethane | 96 | 93 | 70 - 130 | 4 | 30 | | |
| Chlorodibromomethane | 87 | 83 | 70 - 130 | 5 | 30 | | |
| Chloroethane | 100 | 106 | 70 - 130 | 7 | 30 | | |
| Chloroform | 94 | 90 | 70 - 130 | 4 | 30 | | |
| Chloromethane | 102 | 99 | 70 - 130 | 3 | 30 | | |
| 2-Chlorotoluene | 91 | 87 | 70 - 130 | 5 | 30 | | |
| 4-Chlorotoluene | 94 | 85 | 70 - 130 | 10 | 30 | | |
| cis-1,2-Dichloroethene | 92 | 90 | 70 - 130 | 2 | 30 | | |
| cis-1,3-Dichloropropene | 91 | 89 | 70 - 130 | 3 | 30 | | |
| 1,2-Dibromo-3-Chloropropane | 107 | 102 | 70 - 130 | 5 | 30 | | |
| Dibromomethane | 101 | 96 | 70 - 130 | 5 | 30 | | |
| 1,2-Dichlorobenzene | 103 | 96 | 70 - 130 | 6 | 30 | | |
| 1,3-Dichlorobenzene | 90 | 87 | 70 - 130 | 4 | 30 | | |
| 1,4-Dichlorobenzene | 90 | 85 | 70 - 130 | 5 | 30 | | |
| Dichlorobromomethane | 91 | 88 | 70 - 130 | 3 | 30 | | |
| Dichlorodifluoromethane | 100 | 99 | 70 - 130 | 1 | 30 | | |
| 1,1-Dichloroethane | 98 | 94 | 70 - 130 | 4 | 30 | | |
| 1,2-Dichloroethane | 95 | 95 | 70 - 130 | 1 | 30 | | |
| 1,1-Dichloroethene | 98 | 97 | 70 - 130 | 1 | 30 | | |
| 1,2-Dichloropropane | 91 | 91 | 70 - 130 | 1 | 30 | | |
| 1,3-Dichloropropane | 92 | 88 | 70 - 130 | 5 | 30 | | |
| 2,2-Dichloropropane | 94 | 89 | 70 - 130 | 5 | 30 | | |
| 1,1-Dichloropropene | 96 | 94 | 70 - 130 | 2 | 30 | | |
| 1,3-Dichloropropene, Total | 93 | 89 | 70 - 130 | 4 | 30 | | |
| Diisopropyl ether | 109 | 104 | 70 - 130 | 4 | 30 | | |

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

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Lab Control Sample/**
**Lab Control Sample Duplicate Recovery Report - Batch: 680-146690**

**Method: 524.2**
**Preparation: N/A**

| | | | | | |
|---|---|---|---|---|---|
| LCS Lab Sample ID: | LCS 680-146690/13 | Analysis Batch: | 680-146690 | Instrument ID: | GC/MS Volatiles - S |
| Client Matrix: | Water | Prep Batch: | N/A | Lab File ID: | sq017.d |
| Dilution: | 1.0 | Units: | ug/L | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 08/28/2009 1857 | | | Final Weight/Volume: | 5 mL |
| Date Prepared: | N/A | | | | |

| | | | | | |
|---|---|---|---|---|---|
| LCSD Lab Sample ID: | LCSD 680-146690/14 | Analysis Batch: | 680-146690 | Instrument ID: | GC/MS Volatiles - S |
| Client Matrix: | Water | Prep Batch: | N/A | Lab File ID: | sq018.d |
| Dilution: | 1.0 | Units: | ug/L | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 08/28/2009 1920 | | | Final Weight/Volume: | 5 mL |
| Date Prepared: | N/A | | | | |

| | % Rec. | | | | | | |
|---|---|---|---|---|---|---|---|
| Analyte | LCS | LCSD | Limit | RPD | RPD Limit | LCS Qual | LCSD Qual |
| Ethylbenzene | 95 | 92 | 70 - 130 | 4 | 30 | | |
| Ethylene Dibromide | 91 | 86 | 70 - 130 | 5 | 30 | | |
| Freon 113 | 82 | 78 | 70 - 130 | 5 | 30 | | |
| Hexachlorobutadiene | 103 | 98 | 70 - 130 | 5 | 30 | | |
| 2-Hexanone | 117 | 113 | 70 - 130 | 4 | 30 | | |
| Isopropylbenzene | 94 | 92 | 70 - 130 | 2 | 30 | | |
| 4-Isopropyltoluene | 94 | 90 | 70 - 130 | 4 | 30 | | |
| Methylene Chloride | 95 | 93 | 70 - 130 | 2 | 30 | | |
| 2-Butanone (MEK) | 114 | 112 | 70 - 130 | 2 | 30 | | |
| 4-Methyl-2-pentanone (MIBK) | 107 | 103 | 70 - 130 | 3 | 30 | | |
| m-Xylene & p-Xylene | 92 | 89 | 70 - 130 | 3 | 30 | | |
| Naphthalene | 121 | 119 | 70 - 130 | 1 | 30 | | |
| n-Butylbenzene | 96 | 93 | 70 - 130 | 3 | 30 | | |
| N-Propylbenzene | 94 | 91 | 70 - 130 | 3 | 30 | | |
| o-Xylene | 92 | 90 | 70 - 130 | 2 | 30 | | |
| sec-Butylbenzene | 94 | 91 | 70 - 130 | 3 | 30 | | |
| Styrene | 92 | 88 | 70 - 130 | 5 | 30 | | |
| Tert-amyl methyl ether | 106 | 102 | 70 - 130 | 4 | 30 | | |
| tert-Butyl alcohol | 118 | 114 | 70 - 130 | 3 | 30 | | |
| tert-Butylbenzene | 93 | 91 | 70 - 130 | 3 | 30 | | |
| Tert-butyl ethyl ether | 108 | 103 | 70 - 130 | 5 | 30 | | |
| 1,1,1,2-Tetrachloroethane | 87 | 85 | 70 - 130 | 3 | 30 | | |
| 1,1,2,2-Tetrachloroethane | 99 | 92 | 70 - 130 | 7 | 30 | | |
| Tetrachloroethene | 95 | 91 | 70 - 130 | 4 | 30 | | |
| Toluene | 91 | 87 | 70 - 130 | 5 | 30 | | |
| trans-1,2-Dichloroethene | 99 | 95 | 70 - 130 | 4 | 30 | | |
| trans-1,3-Dichloropropene | 95 | 90 | 70 - 130 | 6 | 30 | | |
| 1,2,3-Trichlorobenzene | 122 | 121 | 70 - 130 | 1 | 30 | | |
| 1,2,4-Trichlorobenzene | 109 | 102 | 70 - 130 | 6 | 30 | | |
| 1,1,1-Trichloroethane | 96 | 94 | 70 - 130 | 3 | 30 | | |
| 1,1,2-Trichloroethane | 89 | 85 | 70 - 130 | 5 | 30 | | |
| Trichloroethene | 91 | 89 | 70 - 130 | 1 | 30 | | |

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

Client: Weston Solutions, Inc.

Job Number: 680-50124-1

**Lab Control Sample/**
**Lab Control Sample Duplicate Recovery Report - Batch: 680-146690**

**Method: 524.2**
**Preparation: N/A**

| | | | | | |
|---|---|---|---|---|---|
| LCS Lab Sample ID: | LCS 680-146690/13 | Analysis Batch: | 680-146690 | Instrument ID: | GC/MS Volatiles - S |
| Client Matrix: | Water | Prep Batch: | N/A | Lab File ID: | sq017.d |
| Dilution: | 1.0 | Units: | ug/L | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 08/28/2009 1857 | | | Final Weight/Volume: | 5 mL |
| Date Prepared: | N/A | | | | |

| | | | | | |
|---|---|---|---|---|---|
| LCSD Lab Sample ID: | LCSD 680-146690/14 | Analysis Batch: | 680-146690 | Instrument ID: | GC/MS Volatiles - S |
| Client Matrix: | Water | Prep Batch: | N/A | Lab File ID: | sq018.d |
| Dilution: | 1.0 | Units: | ug/L | Initial Weight/Volume: | 5 mL |
| Date Analyzed: | 08/28/2009 1920 | | | Final Weight/Volume: | 5 mL |
| Date Prepared: | N/A | | | | |

| | % Rec. | | | | | |
|---|---|---|---|---|---|---|
| Analyte | LCS | LCSD | Limit | RPD | RPD Limit | LCS Qual | LCSD Qual |
| Trichlorofluoromethane | 95 | 93 | 70 - 130 | 2 | 30 | | |
| 1,2,3-Trichloropropane | 94 | 92 | 70 - 130 | 2 | 30 | | |
| 1,2,4-Trimethylbenzene | 94 | 90 | 70 - 130 | 4 | 30 | | |
| 1,3,5-Trimethylbenzene | 92 | 90 | 70 - 130 | 3 | 30 | | |
| Vinyl chloride | 106 | 101 | 70 - 130 | 5 | 30 | | |
| Xylenes, Total | 92 | 89 | 70 - 130 | 3 | 30 | | |

| Surrogate | LCS % Rec | LCSD % Rec | Acceptance Limits |
|---|---|---|---|
| 4-Bromofluorobenzene | 101 | 99 | 70 - 130 |
| 1,2-Dichlorobenzene-d4 | 102 | 99 | 70 - 130 |

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

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

**EFFECTIVE 7/1/09 OUR NEW ZIP CODE IS 60484**

## Chain of Custody Record

| (optional) Report To | | (optional) Bill To | |
|---|---|---|---|
| Contact: | Greg Flasinski | Contact: | |
| Company: | Weston Solutions | Company: | |
| Address: | 1401 Weston Way | Address: | |
| Address: | West Chester, PA | Address: | |
| Phone: | 610.701.3776 | Phone: | |
| Fax: | | Fax: | |
| E-Mail: | | PO#/Reference# | |

Lab Job #:

Chain of Custody Number:

Page ____ of ____

Temperature °C of Cooler:

| Client | Client Project # | Preservative |
|---|---|---|
| Weston Solutions | 02501.004.004.0200 | |
| **Project Name** | | **Parameter** |
| Black + Decker | | |
| **Project Location/State** | **Lab Project #** | |
| Hampstead MD | | |
| **Sampler** | **Lab PM** | |
| Greg Flasinski | Abbie Page | |

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
8. Other

| Lab ID | MS/MSD | Sample ID | Sampling Date | Sampling Time | # of Containers | Matrix | 624.2 VOC | Comments |
|---|---|---|---|---|---|---|---|---|
| | | RFW-20 | 8/19/09 | 0730 | 3 | W | ✓ | |
| | | RFW-21 | 8/18/09 | 1300 | | | ✓ | |
| | | Hamp-22 | 8/19/09 | 0845 | | | ✓ | |
| | | Hamp-23 | 8/19/09 | 0850 | | | ✓ | |
| | | | | | | | | |
| | | | | | | | | 3.3°C |
| | | | | | | | | 680-50124 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Page 19 of 19

**Turnaround Time Required (Business Days)**

___ 1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days _____ Other

**Sample Disposal**

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month).

| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
|---|---|---|---|---|---|---|---|
| Greg Flasinski | Weston | 8/20/09 | 1600 | George Kormin | TMSW | 8/21/09 | 0940 |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |
| Relinquished By | Company | Date | Time | Received By | Company | Date | Time |

Lab Courier

Shipped

Hand Delivered

**Matrix Key**

WW – Wastewater
W – Water
S – Soil
SL – Sludge
M – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

**Weston Solutions, Inc.**
1400 Weston Way
P.O. Box 2653
West Chester, Pennsylvania 19380
610-701-3000 • Fax 610-701-3186
www.westonsolutions.com

29 October 2009

Mr. Charlie Zeleski
Carroll County Health Department
Bureau of Environmental Health
P.O. Box 845
290 S. Center St.
Westminster, MD 21158

Re: Black & Decker Hampstead Facility

Dear Mr. Zeleski:

On behalf of our client, Black & Decker (U.S.) Inc. (Black & Decker), Weston Solutions, Inc. (WESTON®) provides enclosed with this letter a copy of the Quarterly Groundwater Monitoring Report for the period of July through September 2009.

If you have any questions regarding the enclosure, please contact me at (610) 701-3779.

Very truly yours,

WESTON SOLUTIONS, INC.

Thomas Cornuet

Thomas Cornuet, P.G.
Project Manager

Enclosure
cc: L. Biagioni, B&D
J. Freed, B&D
T. Lynch III, M&S
L. Bove, WESTON (w/o encl.)