[redacted] ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No ) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

# Environmental Monitoring Reporting Form

**Notice:** This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

## Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

## Solid Waste Monitoring Data Submittal Information

**Name of entity submitting data (laboratory, consultant, facility owner):**

Babb & Associates, P.A. (consultant)

**Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:**

Name: Gary D. Babb Phone: 919/325-0696

E-mail: gbabb@nc.rr.com

| Facility name: | Facility Address: | Facility Permit # | NC Landfill Rule: (.0500 or .1600) | Actual sampling dates (e.g., October 20-24, 2006) |
|---|---|---|---|---|
| Columbus County Landfill | 354 Landfill Road<br>Whiteville, NC | 24-01 | .0500 | June 12, 2007 |

**Environmental Status: (Check all that apply)**

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

**Type of data submitted: (Check all that apply)**

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify)

**Notification attached?**

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

## Certification

**To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.**

| Gary D. Babb | Licensed Geologist | 919/325-0696 |
|---|---|---|
| Facility Representative Name (Print) | Title | (Area Code) Telephone Number |
| Gary D. Babb | August 23, 2007 | Affix NC Licensed/ Professional Geologist/Engineer Seal here: |
| Signature | Date | |

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

Revised 01/2007

*Environmental Compliance and Remediation*

Babb & Associates, P.A.

August 23, 2007

Received
AUG 2007
Solid Waste Section

Mr. Mark Poindexter
Field Operations Supervisor
NC Solid Waste Section
Mail Service Center 1646
Raleigh, NC 27699-1646

Re: 2007 First Semi-Annual Water Quality Monitoring Results
Columbus County MSWLF
Whiteville, North Carolina

Dear Mark:

Babb & Associates, P.A. has completed the 2007 first semi-annual sampling event at the Columbus County MSWLF. On June 12, 2007, nine groundwater monitoring wells and two surface water stations were sampled and analyzed for Appendix I parameters. Appendix I samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B and inorganic compounds by EPA Methods 6010B. The attached Figure 1 identifies the monitoring well and surface water sample locations. As shown on Figure 2, groundwater flow across the site is to the north-northeast.

VOCs were detected at concentrations exceeding the Solid Waste Section Limits (SWSL) in two of the groundwater monitoring wells (MW-11 and MW-12). These two monitoring wells reported concentrations of benzene above the established 2L Standards. Laboratory results from the sample collected from MW-11 reported the compound benzene at a concentration of 3.80 ug/l. Laboratory results from the sample collected from MW-12 reported the compound benzene at a concentration of 1.78 ug/l. The 2L Groundwater Standard for benzene is 1.0 ug/l. The concentration of the remaining VOCs in MW-11 and MW-12 were below the established 2L Groundwater Standards.

Four VOCs were detected in the upstream surface water sample (US-1: benzene – 2.12 ug/l, chlorobenzene – 7.41 ug/l, 1,4-dichlorobenzene – 2.62 ug/l and toluene – 4.89 ug/l). The reported VOC concentrations in US-1 does not exceed the 2B Surface Water Standard for benzene or toluene. There is no 2B Surface Water Standard for chlorobenzene or 1,4-dichlorobenzene. One VOC was detected in the downstream surface water sample DS-1. The compound toluene was detected at a concentration of 1.12 ug/l which is below the 2B Surface Water Standard of 11.0 ug/l.

Inorganic compounds were detected at concentrations exceeding the SWSLs in all nine of the monitoring wells. None of the detected inorganic compounds were detected at a concentration that exceeded the 2L Groundwater Standards.

One inorganic compound was reported in the upstream surface water samples (US-1: barium – 0.318 mg/l). Three inorganic compounds were reported in the downstream surface water sample (DS-1: arsenic – 0.026 mg/l, barium – 0.15 mg/l and beryllium – 0.00994 mg/l). Of the reported concentrations of inorganic compounds in the two surface water samples, only beryllium exceeds the established 2B Surface Water Standard of 0.0065 mg/l.

P.O. Box 37697
Raleigh, NC 27627
(919) 325-0696

Statistical analysis was performed on six inorganic compounds and three VOC compounds. An evaluation of the data indicates no statistical group difference at a five percent significance level for arsenic, barium, beryllium, and selenium. The statistical analysis indicates a significant increase at the five percent confidence interval for cobalt, zinc, benzene, chlorobenzene, and 1,4-dichlorobenzene. When the statistical data is adjusted for ties, the compounds arsenic and selenium also indicates a significant increase at the five percent confidence interval.

Of the compounds which indicate a significant increase, cobalt, zinc, benzene, chlorobenzene, and 1,4-dichlorobenzene were detected in both MW-11 and/or MW-12. A trend analysis indicates a slightly decreasing trend for the compounds cobalt, selenium, zinc and chlorobenzene since August 2004. The trend analysis indicates a slightly decreasing trend for the compound 1,4-dichlorobenzene since June 2006. The compound benzene was also identified as significant in monitoring wells MW-11 and MW-12 and has shown a slightly decreasing trend (MW-11) and a variable concentration (MW-12) since the December 2004 sampling event.

Of the nine compounds reported by the laboratory analysis and evaluated by the statistical analysis, only benzene (MW-11 – 3.80 ug/l and MW-12 – 1.78 ug/l) exceed the established 2L Groundwater Standard of 1.0 ug/l.

The groundwater and surface water laboratory analytical results are summarized on Tables 1 and 2, respectively. The results for the field parameters are provided on Table 3. A compact disc is attached to this report that contains the laboratory analytical report (Adobe and Excel format), laboratory data tables (Excel format), data sheets summarizing sample information and field data (Excel format), and the statistical analysis report (ChemStat software).

If there are any questions regarding the attached information, please contact the undersigned at (919) 325-0696.

Respectfully,

Babb & Associates, P.A.

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

Gary D. Babb, P.G.
President

Attachments

Cc: Mr. Leroy Sellers
Columbus County Solid Waste

# TABLE 1

## 2007 First Semi-Annual Laboratory Analytical Results
## Columbus County Landfill
## Whiteville, North Carolina

| Parameter | MW-1A | MW-2A | MW-4A | [illegible] | MW-6D | MW-3A | MW-5 | MW-1 | MW-7 | DUP | 2L Standard |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Metals (ppm)** | | | | | | | | | | | |
| Arsenic | BQL | BQL | **0.0227** | 0.00237 J | BQL | BQL | 0.00451 J | **0.0095** | BQL | NA | 0.05 |
| Barium | 0.0233 J | 0.0491 J | **0.109** | **0.157** | **0.118** | **0.284** | **0.102** | **0.345** | **0.32** | NA | 2.0 |
| Beryllium | **0.00571 B** | **0.00645 B** | **0.0131 B** | BQL | **0.00423 B** | **0.00274 B** | BQL | **0.00571** | **0.00497 B** | NA | NE |
| Chromium | BQL | BQL | 0.00116 J | 0.00252 J | BQL | BQL | 0.00155 J | 0.00184 J | 0.00311 J | NA | 0.05 |
| Cobalt | BQL | BQL | BQL | BQL | BQL | BQL | BQL | **0.0180** | 0.00782 J | NA | NE |
| Lead | 0.00442 J | BQL | BQL | 0.00391 J | BQL | 0.00627 J | 0.00584 J | 0.00486 J | BQL | NA | 0.015 |
| Nickel | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.0151 J | 0.0117 J | NA | 0.1 |
| Selenium | BQL | BQL | BQL | BQL | BQL | BQL | BQL | **0.0111** | BQL | NA | 0.05 |
| Silver | BQL | 0.00096 J | BQL | BQL | BQL | BQL | 0.00084 J | BQL | BQL | NA | 0.0175 |
| Zinc | BQL | 0.00547 J | BQL | 0.00459 J | BQL | BQL | **0.0152** | **0.0296** | **0.0539** | NA | 1.05 |
| **Method 8260B (ppb)** | | | | | | | | | | | |
| Acetone | BQL | 7.53 J | 4.35 J | BQL | BQL | BQL | 3.17 J | BQL | 7.65 J | BQL | 700 |
| Benzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | [illegible] | [illegible] | BQL | 1.0 |
| Carbon disulfide | BQL | BQL | 0.520 J | BQL | BQL | BQL | BQL | 3.16 J | BQL | BQL | 700 |
| Chlorobenzene | BQL | 0.230 J | BQL | BQL | BQL | BQL | BQL | **21.1** | BQL | BQL | 50 |
| p-Dichlorobenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | **5.00** | **1.28** | BQL | 75 |
| 1,1-Dichloroethane | BQL | 0.320 J | BQL | BQL | BQL | BQL | BQL | 0.970 J | BQL | BQL | 400 |
| cis-1,2-Dichloroethene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.480 J | BQL | BQL | 0.07 |
| 1,2-Dichloropropane | BQL | 0.230 J | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.00051 |
| Methylene chloride | 0.260 J | 0.580 J | 0.310 J | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.0046 |
| Toluene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.170 J | BQL | BQL | 1.0 |
| Total Xylene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.760 J | BQL | BQL | 0.53 |

Notes:

Samples collected on June 12, 2007

J - Between MDL and RL

B - Amount in Prep Blank > MDL

BQL - Below laboratory quantitation limit.

Bold concentrations equal or exceed laboratory quantitation limit.

Shaded concentrations equal or exceed established or interim standards.

NE - not established

NA - Not Analyzed

**Table 2**

**2007 First Semi-Annual Surface Water Laboratory Analytical Results**
**Columbus County Landfill**
**Whiteville, North Carolina**
**Permit # 24-01**

| Parameter | BS-1 | DS-1 | 2B Std |
|---|---|---|---|
| **App. I Metals (ppm)** | | | |
| Arsenic | 0.00635 J | **0.0260** | 0.05 |
| Barium | **0.318** | **0.150** | 1.0 |
| Beryllium | BQL | [illegible] | 0.0065 |
| Chromium | 0.00252 J | 0.00448 J | 0.05 |
| Nickel | 0.00822 J | 0.00767 J | 0.088 |
| Selenium | BQL | 0.00749 J | 0.005 |
| Silver | 0.00139 J | BQL | 0.00006 |
| **Method 8260B (ppb)** | | | |
| Acetone | 4.94 J | 2.50 J | NE |
| Benzene | **2.12** | BQL | 51 |
| Carbon disulfide | 2.93 J | BQL | NE |
| Chlorobenzene | **7.41** | BQL | NE |
| 1,4-Dichlorobenzene | **2.62** | BQL | NE |
| Toluene | **4.89** | **1.12** | 11 |

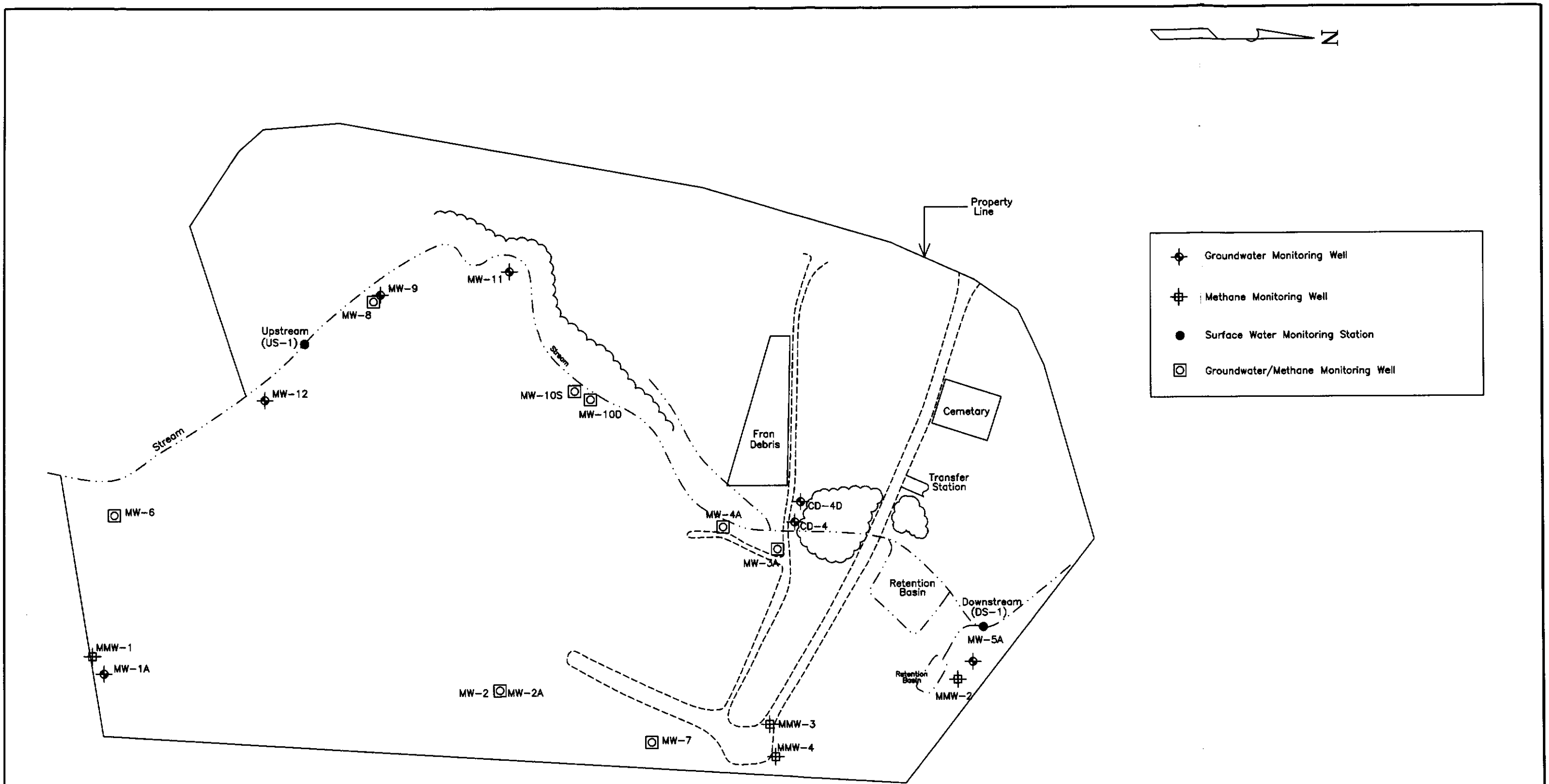
Notes:
Samples collected on June 12, 2007
BQL - Below laboratory quantitation limit.
J - Between MDL and RL
B - Amount in Prep Blank > MDL
Bold concentrations equal or exceed laboratory quantitation limit.
NE - Not Established
Shaded concentrations equal or exceed established or interim standards.

**TABLE 3**

**2007 First Semi-Annual Field Parameters**
**Columbus County Landfill**
**Whiteville, North Carolina**
**Permit #24-01**

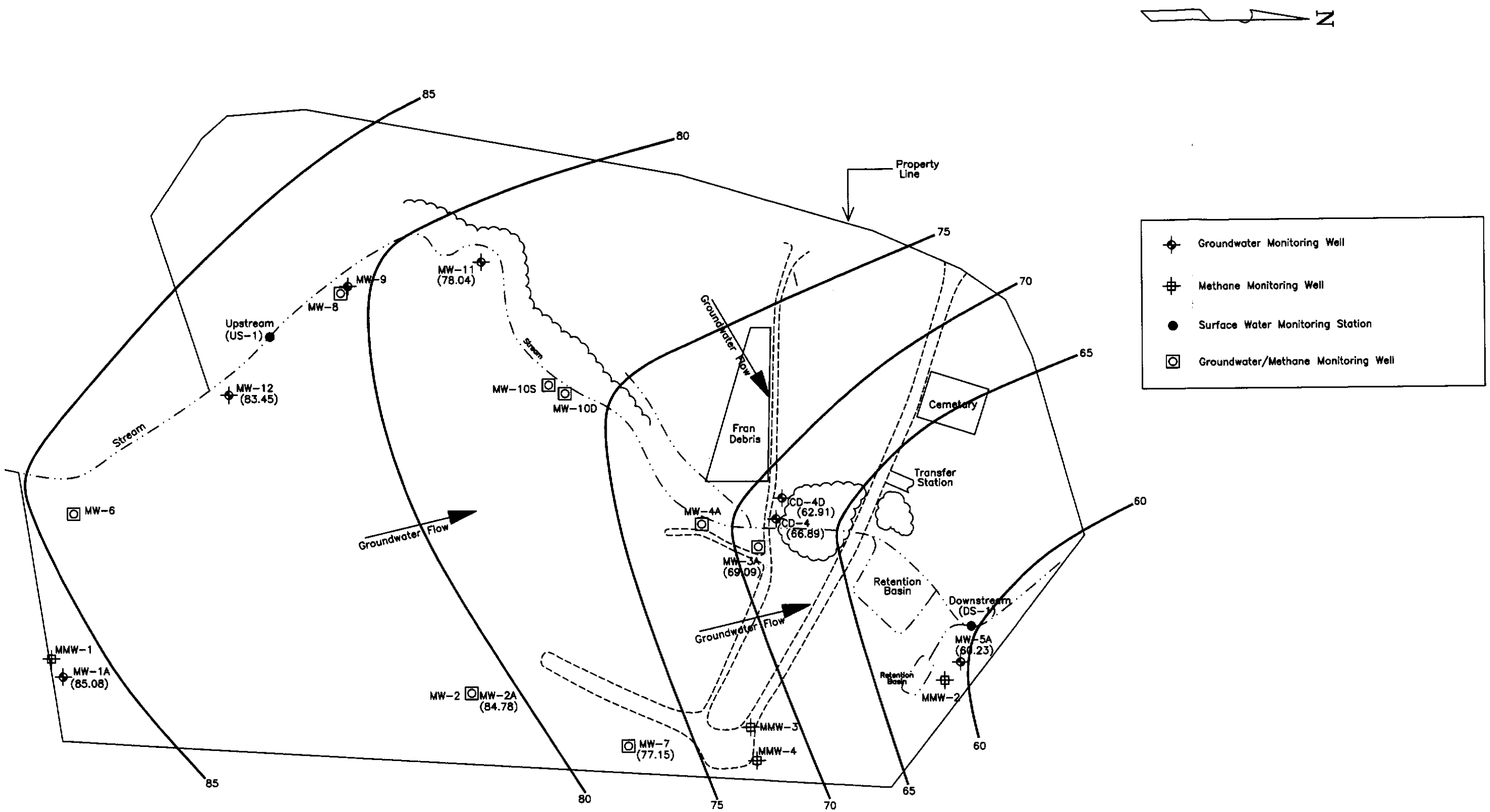
| Monitoring Well | Sampling Date | Specific Cond. | Conductivity | Temperature °C | pH |
|---|---|---|---|---|---|
| MW-1A | 6/12/2007 | 900 | 72 | 20.6 | 8.4 |
| MW-2A | 6/12/2007 | 925 | 56 | 20.9 | 6.2 |
| MW-3A | 6/12/2007 | 1030 | 298 | 20.1 | 7.5 |
| MW-5A | 6/12/2007 | 1040 | 399 | 22.6 | 7.6 |
| MW-7 | 6/12/2007 | 930 | 391 | 21.1 | 6.5 |
| MW-11 | 6/12/2007 | 730 | 219 | 19.3 | 7.6 |
| MW-12 | 6/12/2007 | 810 | 270 | 10.9 | 7.0 |
| CD-4 | 6/12/2007 | 1000 | 253 | 19.9 | 8.0 |
| CD-4D | 6/12/2007 | 1015 | 113 | 22.3 | 8.0 |

Samples collected on June 12, 2007




Babb & Associates, P.A.

| TITLE: | FIGURE NO: | SCALE: | PROJECT NO: |
|---|---|---|---|
| SITE MAP<br>Columbus County MSWLF<br>Columbus County<br>Whiteville, North Carolina | Figure 1 | As Shown | |
| | CHECKED BY: | DRAWN BY: G. Babb | DATE: 8-15-07 |




Babb & Associates, P.A.

| TITLE: | FIGURE NO: | SCALE: | PROJECT NO: |
|---|---|---|---|
| June 2007 Potentiometric Map<br>Columbus County MSWLF<br>Columbus County<br>Whiteville, North Carolina | Figure 2 | As Shown | |
| | CHECKED BY: | DRAWN BY: G. Babb | DATE: 8-15-07 |

Mr. Gary Babb
Babb & Associate
P.O. Box 37697
Raleigh NC 27627

Report Number: G121-378

Client Project: CC
Report Revised: August 1, 2007

Dear Mr. Babb:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.

Laboratory Director — Date 7/31/2007
J. Patrick Weaver

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-1A
Client Project ID: CC
Lab Sample ID: G121-378-1B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 9:00
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/20/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/20/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/20/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/20/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/20/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/20/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/20/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/20/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/20/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/20/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/20/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/20/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/20/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/20/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/20/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/20/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/20/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/20/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/20/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/20/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/20/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/20/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/20/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/20/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/20/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/20/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/20/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/20/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/20/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/20/2007 | |
| Methylene chloride | **0.260** | 1.00 | 0.199 | 1 | 6/20/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/20/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/20/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/20/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/20/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/20/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/20/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/20/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-1A
Client Project ID: CC
Lab Sample ID: G121-378-1B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 9:00
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/20/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/20/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/20/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/20/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/20/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.8 | 108 |
| Toluene-d8 | 10 | 9.65 | 97 |
| 4-Bromofluorobenzene | 10 | 9.54 | 95 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-2A
Client Project ID: CC
Lab Sample ID: G121-378-2B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 9:25
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **7.53** | 100 | 1.09 | 1 | 6/20/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/20/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/20/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/20/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/20/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/20/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/20/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/20/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/20/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/20/2007 | |
| Chlorobenzene | **0.230** | 3.00 | 0.0720 | 1 | 6/20/2007 | J |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/20/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/20/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/20/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/20/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/20/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/20/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/20/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/20/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/20/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/20/2007 | |
| 1,1-Dichloroethane | **0.320** | 5.00 | 0.0880 | 1 | 6/20/2007 | J |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/20/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/20/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/20/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/20/2007 | |
| 1,2-Dichloropropane | **0.230** | 1.00 | 0.0960 | 1 | 6/20/2007 | J |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/20/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/20/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/20/2007 | |
| Methylene chloride | **0.580** | 1.00 | 0.199 | 1 | 6/20/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/20/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/20/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/20/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/20/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/20/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/20/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/20/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-2A
Client Project ID: CC
Lab Sample ID: G121-378-2B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 9:25
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/20/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/20/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/20/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/20/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/20/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.71 | 97 |
| 4-Bromofluorobenzene | 10 | 9.74 | 97 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-3A
Client Project ID: CC
Lab Sample ID: G121-378-3B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 10:30
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **4.35** | 100 | 1.09 | 1 | 6/20/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/20/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/20/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/20/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/20/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/20/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/20/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/20/2007 | |
| Carbon disulfide | **0.520** | 100 | 0.0630 | 1 | 6/20/2007 | J |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/20/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/20/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/20/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/20/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/20/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/20/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/20/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/20/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/20/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/20/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/20/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/20/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/20/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/20/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/20/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/20/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/20/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/20/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/20/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/20/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/20/2007 | |
| Methylene chloride | **0.310** | 1.00 | 0.199 | 1 | 6/20/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/20/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/20/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/20/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/20/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/20/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/20/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/20/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-3A
Client Project ID: CC
Lab Sample ID: G121-378-3B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 10:30
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/20/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/20/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/20/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/20/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/20/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.66 | 97 |
| 4-Bromofluorobenzene | 10 | 9.46 | 95 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-5A
Client Project ID: CC
Lab Sample ID: G121-378-4B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 10:40
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/20/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/20/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/20/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/20/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/20/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/20/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/20/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/20/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/20/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/20/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/20/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/20/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/20/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/20/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/20/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/20/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/20/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/20/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/20/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/20/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/20/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/20/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/20/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/20/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/20/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/20/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/20/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/20/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/20/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/20/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/20/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/20/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/20/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/20/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/20/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/20/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/20/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/20/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/20/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/20/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-5A
Client Project ID: CC
Lab Sample ID: G121-378-4B
Lab Project ID: G121-378

Analyzed By: CLP
Date Collected: 6/12/2007 10:40
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/20/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/20/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/20/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/20/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/20/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.7 | 107 |
| Toluene-d8 | 10 | 9.74 | 97 |
| 4-Bromofluorobenzene | 10 | 9.87 | 99 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-7
Client Project ID: CC
Lab Sample ID: G121-378-5B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 9:30
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **3.17** | 100 | 1.09 | 1 | 6/19/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-7
Client Project ID: CC
Lab Sample ID: G121-378-5B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 9:30
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.85 | 98 |
| 4-Bromofluorobenzene | 10 | 9.88 | 99 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-11
Client Project ID: CC
Lab Sample ID: G121-378-6B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 7:30
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/19/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | **3.80** | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | **3.16** | 100 | 0.0630 | 1 | 6/19/2007 | J |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | **21.1** | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | **5.00** | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | **0.970** | 5.00 | 0.0880 | 1 | 6/19/2007 | J |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | **0.480** | 5.00 | 0.0350 | 1 | 6/19/2007 | J |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | **0.170** | 1.00 | 0.0910 | 1 | 6/19/2007 | J |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-11
Client Project ID: CC
Lab Sample ID: G121-378-6B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 7:30
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | **0.760** | 5.00 | 0.110 | 1 | 6/19/2007 | J |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.7 | 106 |
| Toluene-d8 | 10 | 9.78 | 98 |
| 4-Bromofluorobenzene | 10 | 10.3 | 103 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-12
Client Project ID: CC
Lab Sample ID: G121-378-7B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 8:10
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **7.65** | 100 | 1.09 | 1 | 6/19/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | **1.78** | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | **1.28** | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: MW-12
Client Project ID: CC
Lab Sample ID: G121-378-7B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 8:10
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.2 | 102 |
| Toluene-d8 | 10 | 9.81 | 98 |
| 4-Bromofluorobenzene | 10 | 10 | 100 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: CD-4
Client Project ID: CC
Lab Sample ID: G121-378-8B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:00
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/19/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: CD-4
Client Project ID: CC
Lab Sample ID: G121-378-8B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:00
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.84 | 98 |
| 4-Bromofluorobenzene | 10 | 9.6 | 96 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: CD-4D
Client Project ID: CC
Lab Sample ID: G121-378-9B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:15
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/19/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: CD-4D
Client Project ID: CC
Lab Sample ID: G121-378-9B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:15
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.7 | 107 |
| Toluene-d8 | 10 | 9.81 | 98 |
| 4-Bromofluorobenzene | 10 | 10.1 | 101 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: US-1
Client Project ID: CC
Lab Sample ID: G121-378-10B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 7:45
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **4.94** | 100 | 1.09 | 1 | 6/19/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | **2.12** | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | **2.93** | 100 | 0.0630 | 1 | 6/19/2007 | J |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | **7.41** | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | **2.62** | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | **4.89** | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: US-1
Client Project ID: CC
Lab Sample ID: G121-378-10B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 7:45
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.6 | 96 |
| 4-Bromofluorobenzene | 10 | 11.2 | 112 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: DS-1
Client Project ID: CC
Lab Sample ID: G121-378-11B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:50
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **2.50** | 100 | 1.09 | 1 | 6/19/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | **1.12** | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: DS-1
Client Project ID: CC
Lab Sample ID: G121-378-11B
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:50
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.98 | 100 |
| 4-Bromofluorobenzene | 10 | 10.1 | 101 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: DUP
Client Project ID: CC
Lab Sample ID: G121-378-12A
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:20
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/19/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | BQL | 1.00 | 0.0910 | 1 | 6/19/2007 | |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: DUP
Client Project ID: CC
Lab Sample ID: G121-378-12A
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 10:20
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.5 | 105 |
| Toluene-d8 | 10 | 9.9 | 99 |
| 4-Bromofluorobenzene | 10 | 9.88 | 99 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: _____

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: Trip Blank
Client Project ID: CC
Lab Sample ID: G121-378-13A
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 0:00
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | BQL | 100 | 1.09 | 1 | 6/19/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 6/19/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 6/19/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 6/19/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 6/19/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 6/19/2007 | |
| Bromomethane | BQL | 10.0 | 0.261 | 1 | 6/19/2007 | |
| 2-butanone | BQL | 100 | 1.53 | 1 | 6/19/2007 | |
| Carbon disulfide | BQL | 100 | 0.0630 | 1 | 6/19/2007 | |
| Carbon tetrachloride | BQL | 1.00 | 0.102 | 1 | 6/19/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 6/19/2007 | |
| Chloroethane | BQL | 10.0 | 0.568 | 1 | 6/19/2007 | |
| Chloroform | BQL | 5.00 | 0.121 | 1 | 6/19/2007 | |
| Chloromethane | BQL | 1.00 | 0.206 | 1 | 6/19/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 6/19/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 6/19/2007 | |
| Dibromomethane | BQL | 13.0 | 0.199 | 1 | 6/19/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 6/19/2007 | |
| 1,2-Dichlorobenzene | BQL | 5.00 | 0.116 | 1 | 6/19/2007 | |
| 1,4-Dichlorobenzene | BQL | 1.00 | 0.157 | 1 | 6/19/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 100 | 0.790 | 1 | 6/19/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 6/19/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 6/19/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 6/19/2007 | |
| cis-1,2-Dichloroethene | BQL | 5.00 | 0.0350 | 1 | 6/19/2007 | |
| t-1,2-dichloroethene | BQL | 5.00 | 0.158 | 1 | 6/19/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 6/19/2007 | |
| cis-1,3-Dichloropropene | BQL | 1.00 | 0.121 | 1 | 6/19/2007 | |
| t-1,3-Dichloropropene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| Ethylbenzene | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 6/19/2007 | |
| Iodomethane | BQL | 10.0 | 0.0790 | 1 | 6/19/2007 | |
| Methylene chloride | BQL | 1.00 | 0.199 | 1 | 6/19/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 6/19/2007 | |
| Styrene | BQL | 1.00 | 0.109 | 1 | 6/19/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 6/19/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 6/19/2007 | |
| Tetrachloroethene | BQL | 1.00 | 0.112 | 1 | 6/19/2007 | |
| Toluene | **0.130** | 1.00 | 0.0910 | 1 | 6/19/2007 | J |
| Trichloroethene | BQL | 1.00 | 0.0870 | 1 | 6/19/2007 | |
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 6/19/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 6/19/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

**Results for Volatiles**
**by GCMS 8260 Appendix I**

Client Sample ID: Trip Blank
Client Project ID: CC
Lab Sample ID: G121-378-13A
Lab Project ID: G121-378

Analyzed By: MJC
Date Collected: 6/12/2007 0:00
Date Received: 6/13/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | BQL | 1.00 | 0.247 | 1 | 6/19/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 6/19/2007 | |
| Vinyl acetate | BQL | 50.0 | 0.240 | 1 | 6/19/2007 | |
| Vinyl chloride | BQL | 1.00 | 0.305 | 1 | 6/19/2007 | |
| Total Xylene | BQL | 5.00 | 0.110 | 1 | 6/19/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.4 | 104 |
| Toluene-d8 | 10 | 9.72 | 97 |
| 4-Bromofluorobenzene | 10 | 9.97 | 100 |

**Comments:**

**Flags:**
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: DVI

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-1A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 09:00 |
| Lab Sample ID: | G121-378-1 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | BQL | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.0233** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Beryllium | **0.00571** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | BQL | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | **0.00442** | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-2A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 09:25 |
| Lab Sample ID: | G121-378-2 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | BQL | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.0491** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Beryllium | **0.00645** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | BQL | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | BQL | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | **0.000960** | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | **0.00547** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | J |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-3A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 10:30 |
| Lab Sample ID: | G121-378-3 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | **0.0227** | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.109** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | **0.0131** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00116** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | BQL | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-5A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 10:40 |
| Lab Sample ID: | G121-378-4 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | BQL | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.284** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | **0.00274** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | BQL | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | **0.00627** | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-7 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 09:30 |
| Lab Sample ID: | G121-378-5 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | **0.00451** | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Barium | **0.102** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | BQL | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00155** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | **0.00584** | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | **0.000840** | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | **0.0152** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2 XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-11 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 07:30 |
| Lab Sample ID: | G121-378-6 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | **0.00945** | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.345** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | **0.00571** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00184** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | **0.0180** | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | **0.00486** | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Nickel | **0.0151** | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Selenium | **0.0111** | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | **0.0296** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-12 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 08:10 |
| Lab Sample ID: | G121-378-7 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | BQL | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.316** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | **0.00497** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00311** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | **0.00782** | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | BQL | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | |
| Nickel | **0.0117** | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | **0.0539** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | CD-4 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 10:00 |
| Lab Sample ID: | G121-378-8 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | **0.00237** | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Barium | **0.157** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | BQL | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00252** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | **0.00391** | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | **0.00459** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | J |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

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## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | CD-4D | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 10:15 |
| Lab Sample ID: | G121-378-9 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | BQL | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.118** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | **0.00423** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | BQL | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | BQL | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | |
| Nickel | BQL | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | US-1 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 07:45 |
| Lab Sample ID: | G121-378-10 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | **0.00635** | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Barium | **0.318** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | BQL | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00252** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | BQL | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | |
| Nickel | **0.00822** | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | |
| Silver | **0.00139** | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | DS-1 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 6/12/2007 10:50 |
| Lab Sample ID: | G121-378-11 | Date Received: | 6/13/2007 |
| Lab Project ID: | G121-378 | Matrix: | WATER |
| Batch ID: | 8413 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00650 | 0.00562 | 1 | MG/L | 6010B | 6/22/2007 | |
| Arsenic | **0.0260** | 0.00750 | 0.00185 | 1 | MG/L | 6010B | 6/22/2007 | |
| Barium | **0.150** | 0.0600 | 0.00512 | 1 | MG/L | 6010B | 6/22/2007 | |
| Beryllium | **0.00994** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 6/22/2007 | B |
| Cadmium | BQL | 0.0100 | 0.000332 | 10 | MG/L | 6020 | 6/19/2007 | |
| Chromium | **0.00448** | 0.00750 | 0.00115 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 6/22/2007 | |
| Copper | BQL | 0.00750 | 0.00167 | 1 | MG/L | 6010B | 6/22/2007 | |
| Lead | BQL | 0.00650 | 0.00358 | 1 | MG/L | 6010B | 6/22/2007 | |
| Nickel | **0.00767** | 0.0300 | 0.00474 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Selenium | **0.00749** | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 6/22/2007 | J |
| Silver | BQL | 0.00750 | 0.000812 | 1 | MG/L | 6010B | 6/22/2007 | |
| Thallium | BQL | 0.0550 | 0.00521 | 1 | MG/L | 6010B | 6/22/2007 | |
| Vanadium | BQL | 0.0250 | 0.00450 | 1 | MG/L | 6010B | 6/22/2007 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 6/22/2007 | |

**Comments**
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
MET_LIMS_4.2.XLS

# List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

# SGS

## CHAIN OF CUSTODY RECORD
## SGS Environmental Services Inc.

**Locations Nationwide**
- Alaska
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

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07405

SGS

(1)

CLIENT: Babb + Associates

CONTACT: Gary Babb — PHONE NO: (919) 325-0696

PROJECT: CC — SITE/PWSID#:

REPORTS TO: Gary Babb — E-MAIL: g.babb@nc.rr.com

FAX NO.:( )

INVOICE TO: Gary Babb — QUOTE #

P.O. NUMBER

SGS Reference: G121-378

PAGE 1 OF 1

(2)

| LAB NO. | SAMPLE IDENTIFICATION | ~~DATE~~ Time | ~~TIME~~ Date | MATRIX | No CONTAINERS | SAMPLE TYPE (C= COMP, G= GRAB) | 8260 (Preservatives Used: HCL) | App I metals (Preservatives Used: $HNO_3$) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | MW-1A | 0900 | 6/12/07 | W | 4 | G | X | X | |
| | MW-2A | 0925 | | | | | X | X | |
| | MW-3A | 1036 | | | | | X | X | |
| | MW-5A | 1040 | | | | | X | X | |
| | MW-7 | 0930 | | | | | X | X | |
| | MW-11 | 0730 | | | | | X | X | |
| | MW-12 | 0810 | | W | 4 | G | X | X | |

(3) Analysis Required

(5)

| Collected/Relinquished By:(1) | Date | Time | Received By: | Date | Time |
|---|---|---|---|---|---|
| [signature] | 6/12/07 | 1510 | [signature] | 6/13/07 | 1020 |
| Relinquished By: (2) | Date | Time | Received By: | Date | Time |
| Relinquished By: (3) | Date | Time | Received By: | Date | Time |
| Relinquished By: (4) | Date | Time | Received By: | Date | Time |

(4)

Shipping Carrier: Fed Ex

Shipping Ticket No: 8614103768 66 / 8614103768 77

Samples Received Cold? (Circle) YES NO

Temperature °C: 4.7

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.




❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761


White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

# SGS

## CHAIN OF CUSTODY RECORD
## SGS Environmental Services Inc.

**Locations Nationwide**
- Alaska
- Hawaii
- Ohio
- Maryland
- New Jersey
- North Carolina
- West Virginia

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07405

(1)

CLIENT: Babb + Associates

CONTACT: Gary Babb — PHONE NO: (919) 325-0696

PROJECT: CC — SITE/PWSID# :

REPORTS TO: Gary Babb — E-MAIL:

FAX NO.:( )

INVOICE TO: Gary Babb — QUOTE #

P.O. NUMBER

SGS Reference: G121-378

PAGE 2 OF 2

(2)

| LAB NO. | SAMPLE IDENTIFICATION | DATE | TIME | MATRIX | No CONTAINERS | SAMPLE TYPE (C= COMP, G= GRAB) | Preservatives Used: HCl | HNO3 | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Analysis Required (3): 8260 | App I metals | | | | | | | | |
| | CD-4 | 6/12/07 | 1000 | W | 4 | G | X | X | | | | | | | | |
| | CD-4D | | 1015 | | 4 | | X | X | | | | | | | | |
| | US-1 | | 0745 | | 4 | | X | X | | | | | | | | |
| | DS-1 | | 1050 | | 4 | | X | X | | | | | | | | |
| | DUP | | 1020 | | 3 | G | X | | | | | | | | | |
| | Trip Blank | | | W | 2 | | X | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

(5)

| Collected/Relinquished By:(1) | Date | Time | Received By: | Date | Time |
|---|---|---|---|---|---|
| [signature] | 6/12/07 | 1510 | [signature] | 6/13 | 1020 |
| Relinquished By: (2) | Date | Time | Received By: | Date | Time |
| | | | | | |
| Relinquished By: (3) | Date | Time | Received By: | Date | Time |
| | | | | | |
| Relinquished By: (4) | Date | Time | Received By: | Date | Time |
| | | | | | |

(4)

Shipping Carrier: FedEx

Shipping Ticket No: 8614 1037 6886, 8614 1037 6897

Samples Received Cold? (Circle) YES NO

Temperature °C: 4.2 °F:

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.



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☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler