| Scanned by | Date | Doc ID # |
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| DCH | 1/16/08 | RCO 3503 |

[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 Whiteville, NC | 24-01 | .0500 | October 25, 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 | November 20, 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.

November 20, 2007

Received
NOV 2007
Solid Waste Section

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

Re: 2007 Second Semi-Annual Water Quality Monitoring Results
Columbus County MSWLF – Permit No. 24-01
Whiteville, North Carolina

Dear Mark:

Babb & Associates, P.A. has completed the 2007 second semi-annual sampling event at the Columbus County MSWLF. On October 25, 2007, nine groundwater monitoring wells were sampled and analyzed for Appendix I parameters. The two surface water monitoring stations (US-1 and DS-1) were dry at the time of sample collection. The 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 Groundwater Standards. Laboratory results from the sample collected from MW-11 reported the compound benzene at a concentration of 3.37 ug/l. Laboratory results from the sample collected from MW-12 reported the compound benzene at a concentration of 2.90 ug/l. The 2L Groundwater Standard for benzene is 1.0 ug/l. The concentration of the remaining VOCs detected in MW-11 and MW-12 were below the established 2L Groundwater Standards.

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.

Statistical analysis was performed on eight inorganic compounds and three VOC compounds. An evaluation of the data indicates no statistical group difference at a five percent significance level for antimony, arsenic, barium, beryllium, chromium, and lead. 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 beryllium also indicates a significant increase at the five percent confidence interval.

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

Of the compounds which indicate a significant increase, cobalt, zinc, benzene, chlorobenzene, and 1,4-dichlorobenzene were detected in both MW-11 and MW-12. The trend analysis indicates a slightly decreasing trend for the compounds benzene and chlorobenzene in MW-11 since June 2006. The trend analysis indicates a variable trend for cobalt, zinc, and 1,4-dichlorobenzene in MW-11. The trend analysis indicates a stable to slightly variable trend for the compounds cobalt, zinc, benzene, and chlorobenzene in MW-12. The concentration of 1,4-dichlorobenzene in MW-12 indicates a decreasing trend.

Of the eleven compounds reported by the laboratory analysis and evaluated by the statistical analysis, only benzene (MW-11 – 3.37 ug/l and MW-12 – 2.90 ug/l) exceed the established 2L Groundwater Standards.

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.

Gary D. Babb, P.G.
President

Attachments

Cc: Mr. Leroy Sellers
Columbus County Solid Waste

# TABLE 1

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

| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|
| **Metals (ppm)** | | | | | | | | | | |
| Antimony | BQL | BQL | BQL | BQL | BQL | BQL | **0.0206** | BQL | BQL | NE |
| Arsenic | BQL | BQL | 0.00885 J | 0.00540 J | 0.00210 J | BQL | **0.0225** | 0.00394 J | 0.00260 J | 0.05 |
| Barium | 0.0254 J | 0.0561 J | **0.101** | **0.171** | **0.139** | **0.322** | **0.154** | **0.556** | **0.642** | 2.0 |
| Beryllium | **0.00195** | **0.00137** | **0.00190** | BQL | BQL | **0.00226** | **0.00422** | **0.00632** | BQL | NE |
| Cadmium | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.00079 J | BQL | 0.00175 |
| Chromium | 0.00514 JB | 0.00131 JB | 0.00213 JB | **0.0116 B** | 0.00184 JB | 0.00146 JB | 0.00206 JB | 0.00251 JB | 0.00251 JB | 0.05 |
| Cobalt | BQL | BQL | BQL | BQL | BQL | BQL | 0.00580 J | **0.0321** | **0.0207** | NE |
| Copper | 0.00452 JB | 0.00666 JB | 0.00570 JB | 0.00730 JB | 0.00365 JB | 0.00252 JB | 0.00407 JB | 0.00404 JB | 0.00411 JB | 1000 |
| Lead | 0.00687 J | 0.00720 J | 0.00589 J | 0.00703 J | BQL | 0.00623 J | **0.00358** | 0.00689 J | 0.00376 J | 0.015 |
| Nickel | 0.00530 J | BQL | BQL | BQL | BQL | BQL | BQL | 0.0309 J | 0.0372 J | 0.1 |
| Selenium | BQL | BQL | BQL | BQL | BQL | BQL | 0.00757 J | BQL | BQL | 0.05 |
| Silver | 0.00586 JB | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.0175 |
| Vanadium | BQL | BQL | BQL | 0.0125 J | BQL | BQL | BQL | BQL | BQL | NE |
| Zinc | **0.0159 B** | 0.00931 JB | 0.00445 JB | **0.0120 B** | BQL | BQL | **0.0825 B** | **0.0811 B** | **0.133 B** | 1.05 |
| **Method 8260B (ppb)** | | | | | | | | | | |
| Acetone | BQL | 4.09 J | 2.21 J | 2.07 J | BQL | BQL | 8.24 J | 4.23 J | 2.41 J | 700 |
| Benzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | [illegible] | [illegible] | 1.0 |
| Carbon disulfide | BQL | 0.110 J | 1.56 J | 0.130 J | BQL | BQL | 1.20 J | BQL | BQL | 700 |
| Chlorobenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | **19.5** | **5.98** | 50 |
| 1,2-Dichlorobenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.370 J | BQL | 24 |
| 1,3-Dichlorobenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.210 J | BQL | 170 |
| 1,4-Dichlorobenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | **6.42** | 2.69 J | 75 |
| 1,1-Dichloroethane | BQL | 0.360 J | BQL | BQL | BQL | BQL | 0.190 J | 1.09 J | 0.410 J | 400 |
| cis-1,2-Dichloroethene | BQL | 0.040 J | BQL | BQL | BQL | BQL | BQL | 0.600 J | 1.72 J | 0.07 |
| 1,2-Dichloropropane | BQL | 0.320 J | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.00051 |
| Ethylbenzene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.130 J | BQL | 550 |
| Methylene chloride | 0.510 J | 0.290 J | BQL | 0.420 J | BQL | 0.250 J | 0.260 J | 0.370 J | 1.29 J | 0.0046 |
| Toluene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.200 J | 0.280 J | 1.0 |
| Trichloroflouromethane | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 0.850 J | 2100 |
| Vinyl chloride | BQL | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 1.68 J | 0.015 |
| Total Xylene | BQL | BQL | BQL | BQL | BQL | BQL | BQL | 1.07 J | 0.330 J | 0.53 |

Notes:

Samples collected on October 25, 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 Second Semi-Annual Surface Water Laboratory Analytical Results**
**Columbus County Landfill**
**Whiteville, North Carolina**
**Permit # 24-01**

| | | | |
|---|---|---|---|
| **App. I Metals (ppm)** | DRY | DRY | |
| Arsenic | | | 0.05 |
| Barium | | | 1.0 |
| Beryllium | | | 0.0065 |
| Chromium | | | 0.05 |
| Nickel | | | 0.088 |
| Selenium | | | 0.005 |
| Silver | | | 0.00006 |
| **Method 8260B (ppb)** | DRY | DRY | |
| Acetone | | | NE |
| Benzene | | | 51 |
| Carbon disulfide | | | NE |
| Chlorobenzene | | | NE |
| 1,4-Dichlorobenzene | | | NE |
| Toluene | | | 11 |

Notes:
US-1 and DS-1 dry at the time of sample collection.
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 Second Semi-Annual Field Parameters**
**Columbus County Landfill**
**Whiteville, North Carolina**
**Permit #24-01**

| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
|---|---|---|---|---|---|
| MW-1A | 10/25/2007 | 915 | 9 | 18.2 | 5.4 |
| MW-2A | 10/25/2007 | 930 | 15 | 21.2 | 4.9 |
| MW-3A | 10/25/2007 | 950 | 186 | 20.9 | 6.3 |
| MW-5A | 10/25/2007 | 1000 | 205 | 21.5 | 7.0 |
| MW-7 | 10/25/2007 | 940 | 176 | 21.5 | 6.2 |
| MW-11 | 10/25/2007 | 800 | 9 | 21.4 | 4.8 |
| MW-12 | 10/25/2007 | 855 | 289 | 19.0 | 5.2 |
| CD-4 | 10/25/2007 | 1025 | 198 | 20.6 | 7.1 |
| CD-4D | 10/25/2007 | 1015 | 86 | 19.3 | 7.6 |

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

Report Number: G121-389

Client Project: CC

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 at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.

for Laboratory Director 11/9/07
J. Patrick Weaver Date

# 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 ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-1A
Client Project ID: CC
Lab Sample ID: G121-389-1B
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 9:15
Date Received: 10/26/2007
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 | 11/6/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/6/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/6/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/6/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/6/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/6/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/6/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/6/2007 | |
| Carbon disulfide | BQL | 51.0 | 0.0630 | 1 | 11/6/2007 | |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/6/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/6/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/6/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/6/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/6/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/6/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/6/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/6/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/6/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/6/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/6/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/6/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/6/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 11/6/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/6/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/6/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/6/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/6/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/6/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/6/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/6/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/6/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/6/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/6/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/6/2007 | |
| Methylene chloride | **0.510** | 5.50 | 0.199 | 1 | 11/6/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/6/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/6/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/6/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/6/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/6/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/6/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/6/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-1A
Client Project ID: CC
Lab Sample ID: G121-389-1B
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 9:15
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/6/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/6/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/6/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/6/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/6/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/6/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/6/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.2 | 102 |
| Toluene-d8 | 10 | 10.1 | 101 |
| 4-Bromofluorobenzene | 10 | 9.76 | 98 |

**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: G121-389-2B
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 9:30
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **4.09** | 100 | 1.09 | 1 | 11/6/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/6/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/6/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/6/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/6/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/6/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/6/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/6/2007 | |
| Carbon disulfide | **0.110** | 51.0 | 0.0630 | 1 | 11/6/2007 | J |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/6/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/6/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/6/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/6/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/6/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/6/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/6/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/6/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/6/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/6/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/6/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/6/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/6/2007 | |
| 1,1-Dichloroethane | **0.360** | 5.00 | 0.0880 | 1 | 11/6/2007 | J |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/6/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/6/2007 | |
| cis-1,2-Dichloroethene | **0.0400** | 3.00 | 0.0350 | 1 | 11/6/2007 | J |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/6/2007 | |
| 1,2-Dichloropropane | **0.320** | 1.00 | 0.0960 | 1 | 11/6/2007 | J |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/6/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/6/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/6/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/6/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/6/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/6/2007 | |
| Methylene chloride | **0.290** | 5.50 | 0.199 | 1 | 11/6/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/6/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/6/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/6/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/6/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/6/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/6/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/6/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-2A
Client Project ID: CC
Lab Sample ID: G121-389-2B
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 9:30
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/6/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/6/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/6/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/6/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/6/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/6/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/6/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.1 | 101 |
| Toluene-d8 | 10 | 10.3 | 103 |
| 4-Bromofluorobenzene | 10 | 9.69 | 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: G121-389-3C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 9:50
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **2.21** | 100 | 1.09 | 1 | 11/7/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/7/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/7/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/7/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/7/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/7/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/7/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/7/2007 | |
| Carbon disulfide | **1.56** | 51.0 | 0.0630 | 1 | 11/7/2007 | J |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/7/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/7/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/7/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/7/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/7/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/7/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/7/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/7/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/7/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/7/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/7/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/7/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/7/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 11/7/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/7/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/7/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/7/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/7/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/7/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/7/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/7/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/7/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/7/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/7/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/7/2007 | |
| Methylene chloride | BQL | 5.50 | 0.199 | 1 | 11/7/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/7/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/7/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/7/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/7/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/7/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/7/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/7/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-3A
Client Project ID: CC
Lab Sample ID: G121-389-3C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 9:50
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/7/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/7/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/7/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/7/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/7/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/7/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/7/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.8 | 108 |
| Toluene-d8 | 10 | 9.82 | 98 |
| 4-Bromofluorobenzene | 10 | 9.43 | 94 |

**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: G121-389-4C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 10:00
Date Received: 10/26/2007
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 | 11/8/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/8/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/8/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/8/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/8/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/8/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/8/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/8/2007 | |
| Carbon disulfide | BQL | 51.0 | 0.0630 | 1 | 11/8/2007 | |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/8/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/8/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/8/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/8/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/8/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/8/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/8/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/8/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/8/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/8/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/8/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/8/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 11/8/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/8/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/8/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/8/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/8/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/8/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/8/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/8/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/8/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/8/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/8/2007 | |
| Methylene chloride | **0.250** | 5.50 | 0.199 | 1 | 11/8/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/8/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/8/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/8/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/8/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/8/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/8/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-5A
Client Project ID: CC
Lab Sample ID: G121-389-4C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 10:00
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/8/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/8/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/8/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/8/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/8/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/8/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/8/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 9.43 | 94 |
| Toluene-d8 | 10 | 10.1 | 101 |
| 4-Bromofluorobenzene | 10 | 9.97 | 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: MW-7
Client Project ID: CC
Lab Sample ID: G121-389-5C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 9:40
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **8.24** | 100 | 1.09 | 1 | 11/8/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/8/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/8/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/8/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/8/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/8/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/8/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/8/2007 | |
| Carbon disulfide | **1.20** | 51.0 | 0.0630 | 1 | 11/8/2007 | J |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/8/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/8/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/8/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/8/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/8/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/8/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/8/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/8/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/8/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/8/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/8/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/8/2007 | |
| 1,1-Dichloroethane | **0.190** | 5.00 | 0.0880 | 1 | 11/8/2007 | J |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/8/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/8/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/8/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/8/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/8/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/8/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/8/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/8/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/8/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/8/2007 | |
| Methylene chloride | **0.260** | 5.50 | 0.199 | 1 | 11/8/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/8/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/8/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/8/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/8/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/8/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/8/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-7
Client Project ID: CC
Lab Sample ID: G121-389-5C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 9:40
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/8/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/8/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/8/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/8/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/8/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/8/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/8/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 9.79 | 98 |
| Toluene-d8 | 10 | 9.99 | 100 |
| 4-Bromofluorobenzene | 10 | 9.98 | 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: MW-11
Client Project ID: CC
Lab Sample ID: G121-389-6C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 8:00
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **4.23** | 100 | 1.09 | 1 | 11/8/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/8/2007 | |
| Benzene | **3.37** | 1.00 | 0.0800 | 1 | 11/8/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/8/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/8/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/8/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/8/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/8/2007 | |
| Carbon disulfide | BQL | 51.0 | 0.0630 | 1 | 11/8/2007 | |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/8/2007 | |
| Chlorobenzene | **19.5** | 3.00 | 0.0720 | 1 | 11/8/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/8/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/8/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/8/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/8/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/8/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/8/2007 | |
| 1,2-Dichlorobenzene | **0.370** | 3.00 | 0.116 | 1 | 11/8/2007 | J |
| 1,3-Dichlorobenzene | **0.210** | 3.00 | 0.173 | 1 | 11/8/2007 | J |
| 1,4-Dichlorobenzene | **6.42** | 3.00 | 0.157 | 1 | 11/8/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/8/2007 | |
| 1,1-Dichloroethane | **1.09** | 5.00 | 0.0880 | 1 | 11/8/2007 | J |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/8/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/8/2007 | |
| cis-1,2-Dichloroethene | **0.600** | 3.00 | 0.0350 | 1 | 11/8/2007 | J |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/8/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/8/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/8/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/8/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| Ethylbenzene | **0.130** | 3.00 | 0.111 | 1 | 11/8/2007 | J |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/8/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/8/2007 | |
| Methylene chloride | **0.370** | 5.50 | 0.199 | 1 | 11/8/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/8/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/8/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/8/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/8/2007 | |
| Toluene | **0.200** | 3.00 | 0.0910 | 1 | 11/8/2007 | J |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/8/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-11
Client Project ID: CC
Lab Sample ID: G121-389-6C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 8:00
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/8/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/8/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/8/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/8/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/8/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/8/2007 | |
| Total Xylene | **1.07** | 4.00 | 0.110 | 1 | 11/8/2007 | J |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 9.8 | 98 |
| Toluene-d8 | 10 | 10.1 | 101 |
| 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: G121-389-7C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 8:55
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **2.41** | 100 | 1.09 | 1 | 11/8/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/8/2007 | |
| Benzene | **2.90** | 1.00 | 0.0800 | 1 | 11/8/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/8/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/8/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/8/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/8/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/8/2007 | |
| Carbon disulfide | BQL | 51.0 | 0.0630 | 1 | 11/8/2007 | |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/8/2007 | |
| Chlorobenzene | **5.98** | 3.00 | 0.0720 | 1 | 11/8/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/8/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/8/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/8/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/8/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/8/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/8/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/8/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/8/2007 | |
| 1,4-Dichlorobenzene | **2.69** | 3.00 | 0.157 | 1 | 11/8/2007 | J |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/8/2007 | |
| 1,1-Dichloroethane | **0.410** | 5.00 | 0.0880 | 1 | 11/8/2007 | J |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/8/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/8/2007 | |
| cis-1,2-Dichloroethene | **1.72** | 3.00 | 0.0350 | 1 | 11/8/2007 | J |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/8/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/8/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/8/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/8/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/8/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/8/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/8/2007 | |
| Methylene chloride | **1.29** | 5.50 | 0.199 | 1 | 11/8/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/8/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/8/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/8/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/8/2007 | |
| Toluene | **0.280** | 3.00 | 0.0910 | 1 | 11/8/2007 | J |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/8/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: MW-12
Client Project ID: CC
Lab Sample ID: G121-389-7C
Lab Project ID: G121-389

Analyzed By: MJC
Date Collected: 10/25/2007 8:55
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/8/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/8/2007 | |
| Trichlorofluoromethane | **0.850** | 3.00 | 0.247 | 1 | 11/8/2007 | J |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/8/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/8/2007 | |
| Vinyl chloride | **1.68** | 5.50 | 0.305 | 1 | 11/8/2007 | J |
| Total Xylene | **0.330** | 4.00 | 0.110 | 1 | 11/8/2007 | J |

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

**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: G121-389-8C
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 10:25
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| Acetone | **2.07** | 100 | 1.09 | 1 | 11/8/2007 | J |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/8/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/8/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/8/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/8/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/8/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/8/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/8/2007 | |
| Carbon disulfide | **0.130** | 51.0 | 0.0630 | 1 | 11/8/2007 | J |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/8/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/8/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/8/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/8/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/8/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/8/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/8/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/8/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/8/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/8/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/8/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/8/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 11/8/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/8/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/8/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/8/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/8/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/8/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/8/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/8/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/8/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/8/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/8/2007 | |
| Methylene chloride | **0.420** | 5.50 | 0.199 | 1 | 11/8/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/8/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/8/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/8/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/8/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/8/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/8/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: CD-4
Client Project ID: CC
Lab Sample ID: G121-389-8C
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 10:25
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/8/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/8/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/8/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/8/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/8/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/8/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/8/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.3 | 103 |
| Toluene-d8 | 10 | 10.5 | 105 |
| 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: G121-389-9C
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 10:15
Date Received: 10/26/2007
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 | 11/8/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/8/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/8/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/8/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/8/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/8/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/8/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/8/2007 | |
| Carbon disulfide | BQL | 51.0 | 0.0630 | 1 | 11/8/2007 | |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/8/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/8/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/8/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/8/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/8/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/8/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/8/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/8/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/8/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/8/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/8/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/8/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 11/8/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/8/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/8/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/8/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/8/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/8/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/8/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/8/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/8/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/8/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/8/2007 | |
| Methylene chloride | BQL | 5.50 | 0.199 | 1 | 11/8/2007 | |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/8/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/8/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/8/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/8/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/8/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/8/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/8/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: CD-4D
Client Project ID: CC
Lab Sample ID: G121-389-9C
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 10:15
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/8/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/8/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/8/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/8/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/8/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/8/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/8/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.3 | 103 |
| Toluene-d8 | 10 | 10.5 | 105 |
| 4-Bromofluorobenzene | 10 | 9.9 | 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: G121-389-10A
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 0:00
Date Received: 10/26/2007
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 | 11/6/2007 | |
| Acrylonitrile | BQL | 200 | 6.02 | 1 | 11/6/2007 | |
| Benzene | BQL | 1.00 | 0.0800 | 1 | 11/6/2007 | |
| Bromochloromethane | BQL | 3.00 | 0.261 | 1 | 11/6/2007 | |
| Bromodichloromethane | BQL | 1.00 | 0.146 | 1 | 11/6/2007 | |
| Bromoform | BQL | 3.00 | 0.275 | 1 | 11/6/2007 | |
| Bromomethane | BQL | 5.50 | 0.261 | 1 | 11/6/2007 | |
| 2-butanone | BQL | 51.0 | 1.53 | 1 | 11/6/2007 | |
| Carbon disulfide | BQL | 51.0 | 0.0630 | 1 | 11/6/2007 | |
| Carbon tetrachloride | BQL | 5.50 | 0.102 | 1 | 11/6/2007 | |
| Chlorobenzene | BQL | 3.00 | 0.0720 | 1 | 11/6/2007 | |
| Chloroethane | BQL | 5.50 | 0.568 | 1 | 11/6/2007 | |
| Chloroform | BQL | 3.00 | 0.121 | 1 | 11/6/2007 | |
| Chloromethane | BQL | 5.50 | 0.206 | 1 | 11/6/2007 | |
| Dibromochloromethane | BQL | 3.00 | 0.124 | 1 | 11/6/2007 | |
| 1,2-Dibromo-3-chloropropane | BQL | 13.0 | 0.900 | 1 | 11/6/2007 | |
| Dibromomethane | BQL | 5.50 | 0.199 | 1 | 11/6/2007 | |
| 1,2-Dibromoethane | BQL | 1.00 | 0.120 | 1 | 11/6/2007 | |
| 1,2-Dichlorobenzene | BQL | 3.00 | 0.116 | 1 | 11/6/2007 | |
| 1,3-Dichlorobenzene | BQL | 3.00 | 0.173 | 1 | 11/6/2007 | |
| 1,4-Dichlorobenzene | BQL | 3.00 | 0.157 | 1 | 11/6/2007 | |
| t-1,4-Dichloro-2-butene | BQL | 50.5 | 0.790 | 1 | 11/6/2007 | |
| 1,1-Dichloroethane | BQL | 5.00 | 0.0880 | 1 | 11/6/2007 | |
| 1,1-Dichloroethene | BQL | 5.00 | 0.204 | 1 | 11/6/2007 | |
| 1,2-Dichloroethane | BQL | 1.00 | 0.132 | 1 | 11/6/2007 | |
| cis-1,2-Dichloroethene | BQL | 3.00 | 0.0350 | 1 | 11/6/2007 | |
| t-1,2-dichloroethene | BQL | 3.00 | 0.158 | 1 | 11/6/2007 | |
| 1,2-Dichloropropane | BQL | 1.00 | 0.0960 | 1 | 11/6/2007 | |
| 1,1-Dichloropropene | BQL | 5.00 | 0.121 | 1 | 11/6/2007 | |
| cis-1,3-Dichloropropene | BQL | 5.50 | 0.121 | 1 | 11/6/2007 | |
| t-1,3-Dichloropropene | BQL | 5.50 | 0.109 | 1 | 11/6/2007 | |
| Ethylbenzene | BQL | 3.00 | 0.111 | 1 | 11/6/2007 | |
| 2-hexanone | BQL | 50.0 | 0.870 | 1 | 11/6/2007 | |
| Iodomethane | BQL | 6.00 | 0.0790 | 1 | 11/6/2007 | |
| Methylene chloride | **0.900** | 5.50 | 0.199 | 1 | 11/6/2007 | J |
| 4-methyl-2-pentanone | BQL | 100 | 1.04 | 1 | 11/6/2007 | |
| Styrene | BQL | 5.50 | 0.109 | 1 | 11/6/2007 | |
| 1,1,1,2-Tetrachloroethane | BQL | 5.00 | 0.125 | 1 | 11/6/2007 | |
| 1,1,2,2-Tetrachloroethane | BQL | 3.00 | 0.187 | 1 | 11/6/2007 | |
| Tetrachloroethene | BQL | 3.00 | 0.112 | 1 | 11/6/2007 | |
| Toluene | BQL | 3.00 | 0.0910 | 1 | 11/6/2007 | |
| Trichloroethene | BQL | 3.00 | 0.0870 | 1 | 11/6/2007 | |

SGS ENVIRONMENTAL SERVICES, INC.

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

Client Sample ID: Trip Blank
Client Project ID: CC
Lab Sample ID: G121-389-10A
Lab Project ID: G121-389

Analyzed By: CLP
Date Collected: 10/25/2007 0:00
Date Received: 10/26/2007
Matrix: Water
Sample Amount: 5 mL

| Compound | Result UG/L | SWSL Limit UG/L | MDL UG/L | Dilution Factor | Date Analyzed | Flag |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | BQL | 1.00 | 0.111 | 1 | 11/6/2007 | |
| 1,1,2-Trichloroethane | BQL | 1.00 | 0.175 | 1 | 11/6/2007 | |
| Trichlorofluoromethane | BQL | 3.00 | 0.247 | 1 | 11/6/2007 | |
| 1,2,3-Trichloropropane | BQL | 1.00 | 0.203 | 1 | 11/6/2007 | |
| Vinyl acetate | BQL | 26.0 | 0.240 | 1 | 11/6/2007 | |
| Vinyl chloride | BQL | 5.50 | 0.305 | 1 | 11/6/2007 | |
| Total Xylene | BQL | 4.00 | 0.110 | 1 | 11/6/2007 | |

| | Spike Added | Spike Result | Percent Recovered |
|---|---|---|---|
| 1,2-Dichloroethane-d4 | 10 | 10.3 | 103 |
| Toluene-d8 | 10 | 10.4 | 104 |
| 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 Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-1A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 9:15 |
| Lab Sample ID: | G121-389-1 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | BQL | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/30/07 | |
| Barium | **0.0254** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | J |
| Beryllium | **0.00195** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00514** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/30/07 | JB |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00452** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/30/07 | JB |
| Lead | **0.00687** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/30/07 | J |
| Nickel | **0.00530** | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/30/07 | J |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/30/07 | |
| Silver | **0.00586** | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/30/07 | JB |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | **0.0159** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/30/07 | B |

**Comments**

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

Reviewed By: _____
Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-2A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 9:30 |
| Lab Sample ID: | G121-389-2 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | BQL | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | |
| Barium | **0.0561** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | J |
| Beryllium | **0.00137** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00131** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00666** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00720** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | J |
| Nickel | BQL | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | **0.00931** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | JB |

**Comments**

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

Reviewed By: Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-3A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 9:50 |
| Lab Sample ID: | G121-389-3 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | **0.00885** | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | J |
| Barium | **0.101** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | **0.00190** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00213** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00570** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00589** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | J |
| Nickel | BQL | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | **0.00445** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | JB |

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

Reviewed By: Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-5A | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 10:00 |
| Lab Sample ID: | G121-389-4 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | BQL | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | |
| Barium | **0.322** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | **0.00226** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00146** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00252** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00623** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | J |
| Nickel | BQL | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | B |

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

Reviewed By: _____
Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-7 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 9:40 |
| Lab Sample ID: | G121-389-5 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | **0.0206** | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | **0.0225** | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | |
| Barium | **0.154** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | **0.00422** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00206** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | **0.00580** | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | J |
| Copper | **0.00407** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00358** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | |
| Nickel | BQL | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | |
| Selenium | **0.00757** | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | J |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | **0.0825** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | B |

**Comments**

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

Reviewed By: _____
Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-11 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 8:00 |
| Lab Sample ID: | G121-389-6 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | **0.00394** | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | J |
| Barium | **0.556** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | **0.00632** | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | **0.000790** | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | J |
| Chromium | **0.00251** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | **0.0321** | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00404** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00689** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | J |
| Nickel | **0.0309** | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | J |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | **0.0811** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | B |

**Comments**

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

Reviewed By: Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | MW-12 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 8:55 |
| Lab Sample ID: | G121-389-7 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | **0.00260** | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | J |
| Barium | **0.642** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | BQL | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00251** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | **0.0207** | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00411** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00376** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | J |
| Nickel | **0.0372** | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | J |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | **0.113** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | B |

**Comments**

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

Reviewed By: _____
Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | CD-4 | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 10:25 |
| Lab Sample ID: | G121-389-8 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | **0.00540** | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | J |
| Barium | **0.171** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | BQL | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.0116** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | B |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00730** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | **0.00703** | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | J |
| Nickel | BQL | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | **0.0125** | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | J |
| Zinc | **0.0120** | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | B |

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

Reviewed By: Metals

SGS ENVIRONMENTAL SERVICES, INC.

## Results for Metals

| | | | |
|---|---|---|---|
| Client Sample ID: | CD-4D | Analyzed By: | AEC |
| Client Project ID: | CC | Date Collected: | 10/25/07 10:15 |
| Lab Sample ID: | G121-389-9 | Date Received: | 10/26/07 |
| Lab Project ID: | G121-389 | Matrix: | WATER |
| Batch ID: | 9545 | | |

| Metals | Result | SWSL | MDL | DF | Units | Method | Date Analyzed | Flags |
|---|---|---|---|---|---|---|---|---|
| Antimony | BQL | 0.00600 | 0.00562 | 1 | MG/L | 6010B | 10/31/07 | |
| Arsenic | **0.00210** | 0.0100 | 0.00185 | 1 | MG/L | 6010B | 10/31/07 | J |
| Barium | **0.139** | 0.100 | 0.00512 | 1 | MG/L | 6010B | 10/31/07 | |
| Beryllium | BQL | 0.00100 | 0.000247 | 1 | MG/L | 6010B | 10/31/07 | |
| Cadmium | BQL | 0.00100 | 0.000134 | 10 | MG/L | 6020 | 10/30/07 | |
| Chromium | **0.00184** | 0.0100 | 0.00115 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Cobalt | BQL | 0.0100 | 0.00315 | 1 | MG/L | 6010B | 10/31/07 | |
| Copper | **0.00365** | 0.0100 | 0.00167 | 1 | MG/L | 6010B | 10/31/07 | JB |
| Lead | BQL | 0.0100 | 0.00358 | 1 | MG/L | 6010B | 10/31/07 | |
| Nickel | BQL | 0.0500 | 0.00474 | 1 | MG/L | 6010B | 10/31/07 | |
| Selenium | BQL | 0.0100 | 0.00730 | 1 | MG/L | 6010B | 10/31/07 | |
| Silver | BQL | 0.0100 | 0.000812 | 1 | MG/L | 6010B | 10/31/07 | B |
| Thallium | BQL | 0.00550 | 0.00521 | 1 | MG/L | 6010B | 10/31/07 | |
| Vanadium | BQL | 0.0500 | 0.00450 | 1 | MG/L | 6010B | 10/31/07 | |
| Zinc | BQL | 0.0100 | 0.00399 | 1 | MG/L | 6010B | 10/31/07 | B |

**Comments**

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

Reviewed By: Metals

# SGS

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

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

www.us.sgs.com

0769

SGS

(1)

CLIENT: BABB + Associates

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

PROJECT: CC SITE/PWSID#:

REPORTS TO: BABB + Associates E-MAIL: gibabb@nc.rr.com

FAX NO.: ( )

INVOICE TO: BABB + Associates QUOTE #

P.O. NUMBER

SGS Reference: G121-389

PAGE 1 OF 1

(2)

| LAB NO. | SAMPLE IDENTIFICATION | DATE | TIME | MATRIX | No CONTAINERS | SAMPLE TYPE (C= COMP, G= GRAB) | App 1 8260 | App 1 metals | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Preservatives Used | | | | | | | HCL | HNO3 | | | | | | | | |
| Analysis Required (3) | | | | | | | | | | | | | | | | |
| | MW-1A | 10/25/07 | 915 | W | 4 | G | X | X | | | | | | | | |
| | MW-2A | | 930 | | | | X | X | | | | | | | | |
| | MW-3A | | 950 | | | | X | X | | | | | | | | |
| | MW-5A | | 1000 | | | | X | X | | | | | | | | |
| | MW-7 | | 940 | | | | X | X | | | | | | | | |
| | MW-11 | | 800 | | | | X | X | | | | | | | | |
| | MW-12 | | 855 | | | | X | X | | | | | | | | |
| | CD-4 | | 1025 | | | | X | X | | | | | | | | |
| | CD-4D | 10/25/07 | 1015 | | | | X | X | | | | | | | | |
| | Trip Blank | | | | 2 | | X | | | | | | | | | |

(5)

| Collected/Relinquished By: (1) | Date | Time | Received By: | Date | Time |
|---|---|---|---|---|---|
| [signature] | 10/25/07 | 1500 | | | |
| 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 |
| | | | [signature] | 10/26/07 | 1050 |

(4)

Shipping Carrier: Fed Ex

Shipping Ticket No: 8630 3169 5798

Samples Received Cold? (Circle) YES NO

Temperature °C: 4.6 °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.



☐ 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