COMBINED JANUARY AND APRIL 2008 QUARTERLY EFFECTIVENESS MONITORING REPORT

FORMER ASHEVILLE DYEING AND FINISHING FACILITY
WARREN WILSON COLLEGE ROAD
SWANNANOA, BUNCOMBE COUNTY, NORTH CAROLINA
NCD 070 619 663
NOVEMBER 11, 2008
MSE JOB NO. 123

Received
NOV 2008
Hazardous
Waste Section

Prepared For:
MR. RODNEY HUERTER
WASC LLC
4760 WORLD HOUSTON PARKWAY, SUITE 100
HOUSTON, TEXAS, 77032

MINERAL SPRINGS ENVIRONMENTAL, P.C.
4600 MINERAL SPRINGS LANE
RALEIGH, NORTH CAROLINA, 27616
919.261.8186

MINERAL SPRINGS
environmental, p.c.

TABLE OF CONTENTS

1 BACKGROUND 1

2 REMEDIAL ACTIVITIES 2

2.1 REMEDIATION SYSTEM #1 (RS-1) 2
2.2 REMEDIATION SYSTEM #2 (RS-2) 2
2.3 SYSTEM PERFORMANCE 3

3 REMEDIATION SYSTEM EFFECTIVENESS 3

3.1 GROUNDWATER SAMPLING 3
3.1.1 GENERAL 3
3.1.2 GROUNDWATER FLOW 3
3.1.3 GROUNDWATER SAMPLING AND ANALYTICAL RESULTS 4

4 GROUNDWATER QUALITY TRENDS 4

5 CONCLUSIONS AND RECOMMENDATIONS 5

6 LIMITATIONS 5

DRAWINGS

Drawing 1 Topographic Site Map
Drawing 2 Site Map
Drawing 3 Layout of Air Sparge and Soil Vapor Extraction Systems
Drawing 4 Tetrachloroethene Isoconcentration Map – Shallow Zone (January 2008)
Drawing 5 Tetrachloroethene Isoconcentration Map – Shallow Zone (April 2008)
Drawing 6 Tetrachloroethene Isoconcentration Map – Intermediate Zone (January 2008)
Drawing 7 Tetrachloroethene Isoconcentration Map – Intermediate Zone (April 2008)

MINERAL SPRINGS
environmental, p.c.

4600 Mineral Springs Lane • Raleigh, NC 27616 • 919.261.8186 • Fax 919.261.8299

November 11, 2008

Received
NOV 2008
Hazardous
Waste Section

Ms. Mary Siedlecki
Hazardous Waste Section
NCDENR, Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646

Subject: **Combined January and April 2008 Quarterly Effectiveness Monitoring Report**
Former Asheville Dyeing and Finishing Facility
Swannanoa, North Carolina
NCD 070 619 663
MSE Job 123

Dear Ms. Siedlecki:

Attached are three copies of the combined January and April 2008 Quarterly Effectiveness Monitoring Report for the site referenced above. Mineral Springs Environmental, P.C. collected samples from 14 groundwater monitoring wells to develop a current picture of the site groundwater conditions. The results of this sampling are included in the report.

If you have any questions regarding the attached report or the site, please contact me at (919) 261-8186.

Sincerely,

Mineral Springs Environmental, P.C.

Kirk B. Pollard

Kirk B. Pollard, L.G.
Principal Geologist

123/Qtly/Jan-April 2008/kp

TABLE OF CONTENTS (CONT.)

TABLES

Table 1	January 2008 Groundwater Analytical Results
Table 2	April 2008 Groundwater Analytical Results
Table 3	Historical Groundwater Analytical Results

APPENDICES

Appendix A	Groundwater Laboratory Analytical Results and Chain-of-Custody
Appendix B	Groundwater Concentration Versus Time Graphs

COMBINED JANUARY AND APRIL 2008 QUARTERLY EFFECTIVENESS MONITORING REPORT
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
Warren Wilson College Road
Swannanoa, Buncombe County, North Carolina
November 11, 2008

1 BACKGROUND

The former Asheville Dyeing & Finishing ("AD&F") facility -- located at 850 Warren Wilson College Road in Swannanoa, Buncombe County, North Carolina ("Facility"; see Drawings 1 and 2) -- has been subjected to seventeen (17) years of continuous assessment and sampling in connection with the April 1985 removal of one (1) waste tetrachloroethene ("PCE") underground storage tank ("UST"), which North Carolina Department of Environment & Natural Resources' Division of Waste Management ("DWM") designated as a hazardous waste management unit ("HWMU").[1] During these seventeen years, the plume configuration has remained the same, while the overall groundwater concentrations have decreased.

The DWM issued an Administrative Order of Consent ("AOC") to AD&F on October 11, 1990, requiring AD&F to close the HWMU and address the horizontal and vertical extent of groundwater impact. AD&F closed the HWMU in late 1992. Since that time, seven (7) separate phases of groundwater assessment have been conducted to delineate the extent of PCE-impacted groundwater. DWM's Hazardous Waste Section ("HWS") issued a correspondence in 1997 that stated (1) the extent of groundwater impact from the HWMU had been essentially defined and (2) no further assessment was required as a result of the release from the HWMU.

In 1998, a combination air sparge (AS) and soil vacuum extraction (SVE) system was installed to remediate the groundwater down-gradient of the HWMU. The installation of this system was voluntary and not installed due to federal or state regulations.[2] The remediation system (RS-1) was restricted to the groundwater impact identified on the AD&F property and encompasses an area measuring approximately 50,000 square feet (Drawing 3). In 2001 a second remediation system (RS-2) was installed to the north of RS-1 to address groundwater impact associated with an unidentified source. It bears mention that the surrounding area uses drinking water supplied by the City of Asheville.

In summary, PCE has not been used at the site since the 1980s, the USTs used to store the waste and raw PCE were removed, and the secondary soil source has also been excavated. Based on the most recent groundwater data, the groundwater plume continues to be defined. As previously mentioned, the plume configuration has remained

[1] One (1) virgin PCE UST was also removed by AD&F during April 1985.

[2] *See* letter from Gray B. Stephens, HWS, to Steve Pegg, AD&F, Aug. 17, 1998 (Voluntary Groundwater Remediation Program) (commending AD&F and Culligan for "implementing voluntary remediation at the site").

the same during the preceding eighteen (18) years of assessment and sampling, and overall groundwater concentrations have decreased.

This report documents performance and effectiveness of the remediation systems, groundwater sampling activities, the associated analytical results and groundwater quality trends.

2 REMEDIAL ACTIVITIES

2.1 Remediation System #1 (RS-1)

RS-1, the original remediation system, consists of 13 2-inch diameter AS points installed to an average depth of 36 feet below land surface (BLS) (Drawing 3). The AS points, constructed of stainless steel screens with galvanized piping, are connected to an air compressor capable of supplying a total of 42 cubic feet per minute (CFM) of compressed air. The SVE component of the system is comprised of a 24-inch diameter central hub with four radiating SVE trenches augmenting the AS system. The hub is constructed of a corrugated metal pipe with two feet of slotted screen at the bottom of the pipe that extends approximately 17 feet BLS.

The SVE trenches are four feet wide and nine feet deep and extend approximately 100 feet north, 70 feet south, 175 feet east, and 115 feet west from the central hub. In addition, two four-inch diameter SVE wells were incorporated into the SVE system. The central hub and trenches are connected to a SVE blower and are currently removing air from the vadose zone.

2.2 Remediation System #2 (RS-2)

In May 2001, a second remediation system, RS-2 was installed to remediate a previously identified area of groundwater impact originating to the north of the manufacturing facility. Nineteen AS points were installed in the area east and northeast of the existing manufacturing building (Drawing 3). Generally, the 19 AS points were installed in two separate rows. The AS points were equipped with a 1-foot stainless steel screen and ¾-inch galvanized pipe riser.

In addition to the AS points, 21 SVE wells were installed along the east and portions of the northeast and southwest building walls to restrict vapors from entering the building (Drawing 3). The SVE wells were installed to depths of between 10 and 12 feet BLS and constructed of 2-inch PVC with five feet of 0.10-inch mechanically slotted screen. Additionally, one SVE trench approximately 530 feet long, was installed to assist in the removal of volatilized PCE from the subsurface.

Air, introduced into the aquifer through the additional AS points, is generated by a rotary screw air compressor capable of providing 2 to 5 CFM per well at a delivery pressure of 25 pounds per square inch (PSI). The SVE blower capable of generating 10 inches of mercury vacuum at a rate of 500 CFM was installed to extract the volatilization air.

2.3 System Performance

From October 2007 through April 2008, RS-1 and RS-2 continued normal operation with no system shutdowns occurring in the past six months. Operation and maintenance activities are conducted monthly to optimize remediation system performance. Additionally, the effluent discharge flow rate from each SVE blower is measured monthly using an anemometer.

During April 2008, the flow rate associated with the SVE blower discharge from RS-1 (SVE 1) was approximately 653 CFM with a temperature of approximately 30 degrees Centigrade at approximately 4.5 inches of mercury. The flow rate associated with the SVE blower discharge from RS-2 (SVE 2) was approximately 485 CFM with a temperature of approximately 32 degrees Centigrade at approximately 3.5 inches of mercury.

3 REMEDIATION SYSTEM EFFECTIVENESS

The effectiveness of each groundwater remediation system is evaluated by testing the PCE content in the groundwater samples collected from the monitoring wells. The analytical results for the groundwater samples collected in January and April 2008 are presented below.

3.1 Groundwater Sampling

3.1.1 General

MSE has performed the January and April 2008 groundwater sampling event to monitor the effectiveness of the on-going voluntary groundwater remediation systems. The effectiveness of the remediation systems is evaluated by monitoring the groundwater monitoring wells MW-4s, MW-4i, MW-5s, MW-5i, MW-6s, MW-6i, MW-7s, MW-11i, MW-12s, MW-12i, MW-13s, MW-15s, OW-1i and OW-2i.

3.1.2 Groundwater Flow

Groundwater levels were only obtained from the wells sampled during this event. Therefore water level contour maps were not developed for this report. However, historical water flow has consistently been toward the south in both the shallow and intermediate aquifer. MSE does not find reason to suggest the groundwater flow direction has changed.

3.1.3 Groundwater Sampling and Analytical Results

The groundwater samples were collected in accordance with procedures outlined in the site Sampling and Analysis Plan. The January 2008 and April 2008 samples were transported under chain-of-custody to Paradigm (SGS) Analytical Laboratories, Inc. located in Wilmington, North Carolina and analyzed for volatile organic compounds (VOCs) according to SW-846 Method 8260B.

Laboratory analytical results and chain-of-custody records for the January and April groundwater sampling event are included as Appendix A and summarized in Drawings 4 through 7 and Tables 1 and 2. Historical data for the effectiveness monitoring wells listed above are included as Table 3. Graphs showing historical trends of effectiveness monitoring wells are included in Appendix B.

The DWM Hazardous Waste Section (HWS) uses the North Carolina Groundwater Quality Standards (NCGWQS) as a guideline for groundwater impacted with VOCs. The primary constituents of concern present in groundwater include PCE and its biodegradation products of trichloroethene (TCE).

MSE has prepared estimated isoconcentration maps for the PCE in the shallow and intermediate (Drawings 4 through 7). During the January 2008 sampling event, PCE was detected in 14 of the 14 samples collected at concentrations at or above the NCGWQS of 0.7 micrograms per liter (µg/L). Concentrations ranged from 235µg/L (MW-11i) to 1.45µg/L (MW-4s). During the April 2008 sampling event, PCE was detected in 13 of the 14 samples collected at concentrations at or above the NCGWQS of 0.7 micrograms per liter (µg/L). Concentrations ranged from 384µg/L (MW-13S) to 2.51µg/L (MW-4s). TCE was present in monitoring wells MW-6s, MW-6i, MW-11i, MW-13s and OW-2i during one or both sampling events at concentrations exceeding the NCGWQS of 2.8µg/L.

4 GROUNDWATER QUALITY TRENDS

PCE concentrations decreased or remained the same in four of the 14 groundwater monitoring wells that were sampled in January 2008 as compared to the results for the same wells sampled in October 2007. PCE concentrations increased slightly in the groundwater samples collected from monitoring wells MW-5i, MW-6s, MW-6i, MW-7s, MW-11i, MW-12i, MW-13s, MW-15s, OW-1i and OW-2i. PCE concentrations decreased or remained the same in nine of the 14 groundwater monitoring wells that were sampled in April 2008 as compared to the results for the same wells sampled in January 2008. PCE concentrations increased slightly in the groundwater samples collected from monitoring wells MW-4s, MW-4i, MW-5s, MW-13s and OW-2i.

TCE and Cis-1,2-DCE are breakdown products of PCE and their presence indicates that biodegradation is occurring. The absence of vinyl chloride indicates that conditions are not favorable for the complete breakdown of the PCE to the final degradation products of carbon dioxide and water.

5 CONCLUSIONS AND RECOMMENDATIONS

PCE concentrations increased in five of the groundwater monitoring wells and decreased in the remaining wells that were also sampled in April 2007. Implementation of the remediation systems meets the ultimate objective of the Resource Conservation and Recovery Act, which is corrective action of impacted groundwater. RS-1 and RS-2 should continue to be operated to further reduce the concentrations of PCE and other VOCs located on the AD&F property. Continued reduction in source area contaminant concentrations is expected to reduce the horizontal and vertical migration of the contaminants of concern. MSE recommends that monthly operation and maintenance checks be continued to facilitate optimum system performance. In addition, groundwater sampling should be continued to monitor the performance and effectiveness of the remediation systems.

6 LIMITATIONS

The opinions included in this report are applicable only on the specific portions of the site addressed and described. The opinions are based on the data collected on the days specified using the methods described. If additional data becomes available, we request the opportunity to review and modify the conclusions and recommendations included in this report, if warranted. This report is for the sole use of WASC LLC, and is to be used in its entirety. Use by other parties will be at their sole risk and without liability to Mineral Springs Environmental, P.C.

Respectfully Submitted,
Mineral Springs Environmental PC
Kirk B. Pollard

Kirk B. Pollard, L.G.
Principal Geologist

TABLES

MINERAL SPRINGS
environmental, p.c.

TABLE 1
JANUARY 2008 GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	Cis-1,2-DCE	PCE	TCE
MW-4s	1/15/2008	BQL	**1.45**	BQL
MW-4i	1/15/2008	BQL	**16.2**	BQL
MW-5s	1/15/2008	**.33J**	**6.8**	**.92J**
MW-5i	1/15/2008	3.96	**26.1**	2.28
MW-6s	1/15/2008	25.6	**203**	8.30J
MW-6i	1/15/2008	3.72J	**50.2**	**4.6**
MW-7s	1/15/2008	BQL	**6.2**	BQL
MW-11i	1/15/2008	**36.9**	**235**	**13.4**
MW-12s	1/15/2008	**.52J**	**15**	.29J
MW-12i	1/15/2008	**4.78**	**35.4**	1.92
MW-13s	1/15/2008	**41.9**	**302**	**5.36J**
MW-15s	1/15/2008	**.380J**	**23.5**	**0.55J**
OW-1i	1/15/2008	1.08	**26.6**	1.1
OW-2i	1/15/2008	**7.56**	**130**	**4.72**
NCGWQS		70	0.7	2.8

Notes:

All results in µg/L (micrograms per liter)

Cis-1,2-DCE = Cis- 1,2-Dichloroethene

NCGWQS - North Carolina Groundwater Quality Standard

J = Estimated Concentration

PCE = Tetrachloroethene

Values shown in **bold** exceed their respective NCGW

TCE = Trichloroethene

NE - Standard not established

TABLE 2
APRIL 2008 GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	Cis-1,2-DCE	PCE	TCE
MW-4s	4/29/2008	BQL	**2.51**	BQL
MW-4i	4/29/2008	BQL	**18.9**	0.27
MW-5s	4/29/2008	0.68	**15.3**	1.85
MW-5i	4/29/2008	2.58	**11.4**	2.28
MW-6s	4/29/2008	21.2	**138**	**5.8**
MW-6i	4/29/2008	3.16J	**28**	**3.56J**
MW-7s	4/29/2008	BQL	BQL	BQL
MW-11i	4/29/2008	31.5	**112**	**10.1**
MW-12s	4/29/2008	BQL	**5.03**	BQL
MW-12i	4/29/2008	5.13	**35.3**	1.92
MW-13s	4/29/2008	54	**384**	**6.16**
MW-15s	4/29/2008	0.37	**20.6**	0.69
OW-1i	4/29/2008	1.36	**14**	1.24
OW-2i	4/29/2008	17.1	**265**	**8.5**
NCGWQS		70	0.7	2.8

Notes:

All results in µg/L (micrograms per liter)

NCGWQS - North Carolina Groundwater Quality Standard

J = Estimated Concentration

Values shown in **bold** exceed their respective NCGWQS

NE - Standard not established

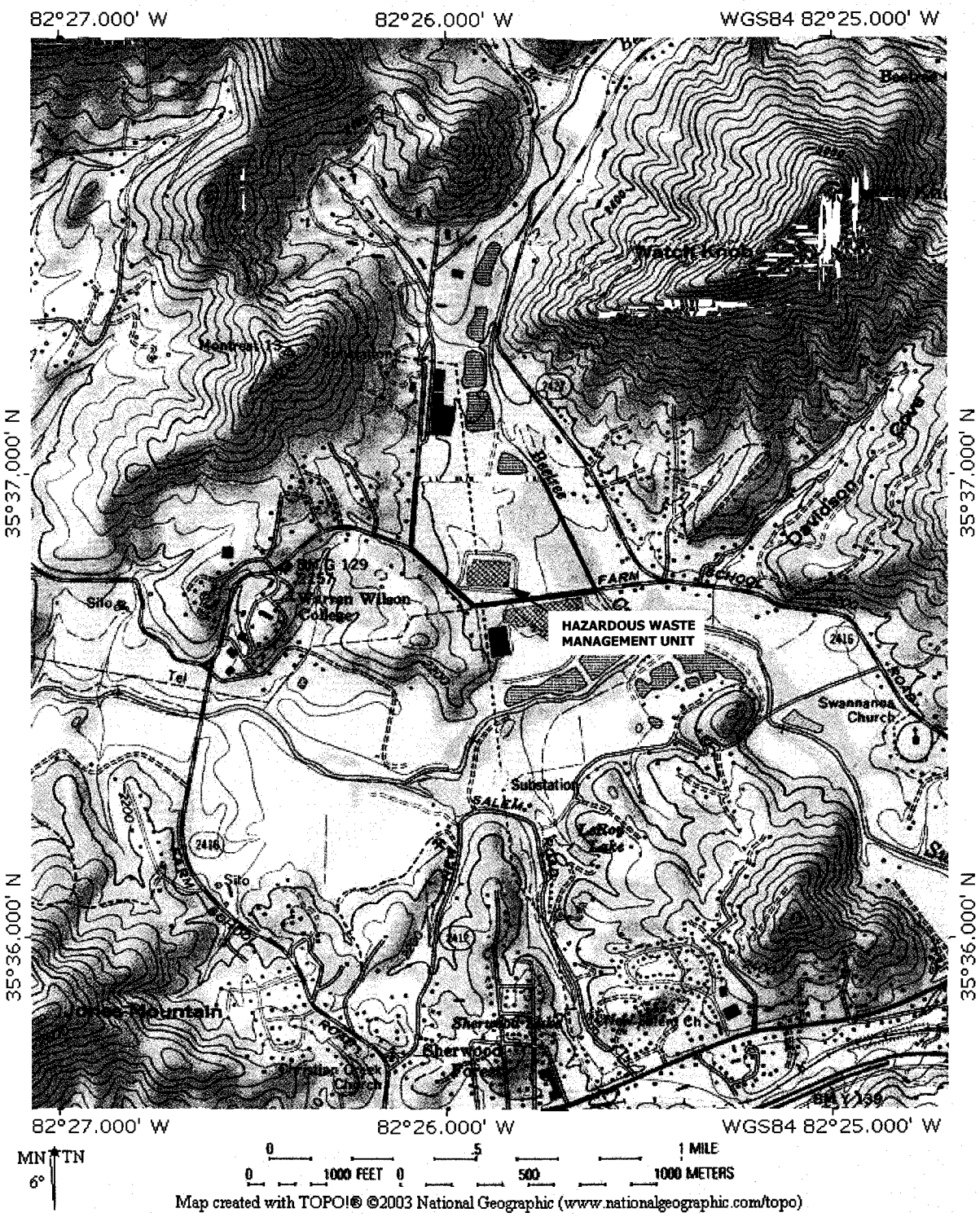
Cis-1,2-DCE = Cis- 1,2-Dichloroethene

PCE = Tetrachloroethene

TCE = Trichloroethene

DRAWINGS

MINERAL SPRINGS
environmental, p.c.



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Date: November 2005

Job No.: MSE 123

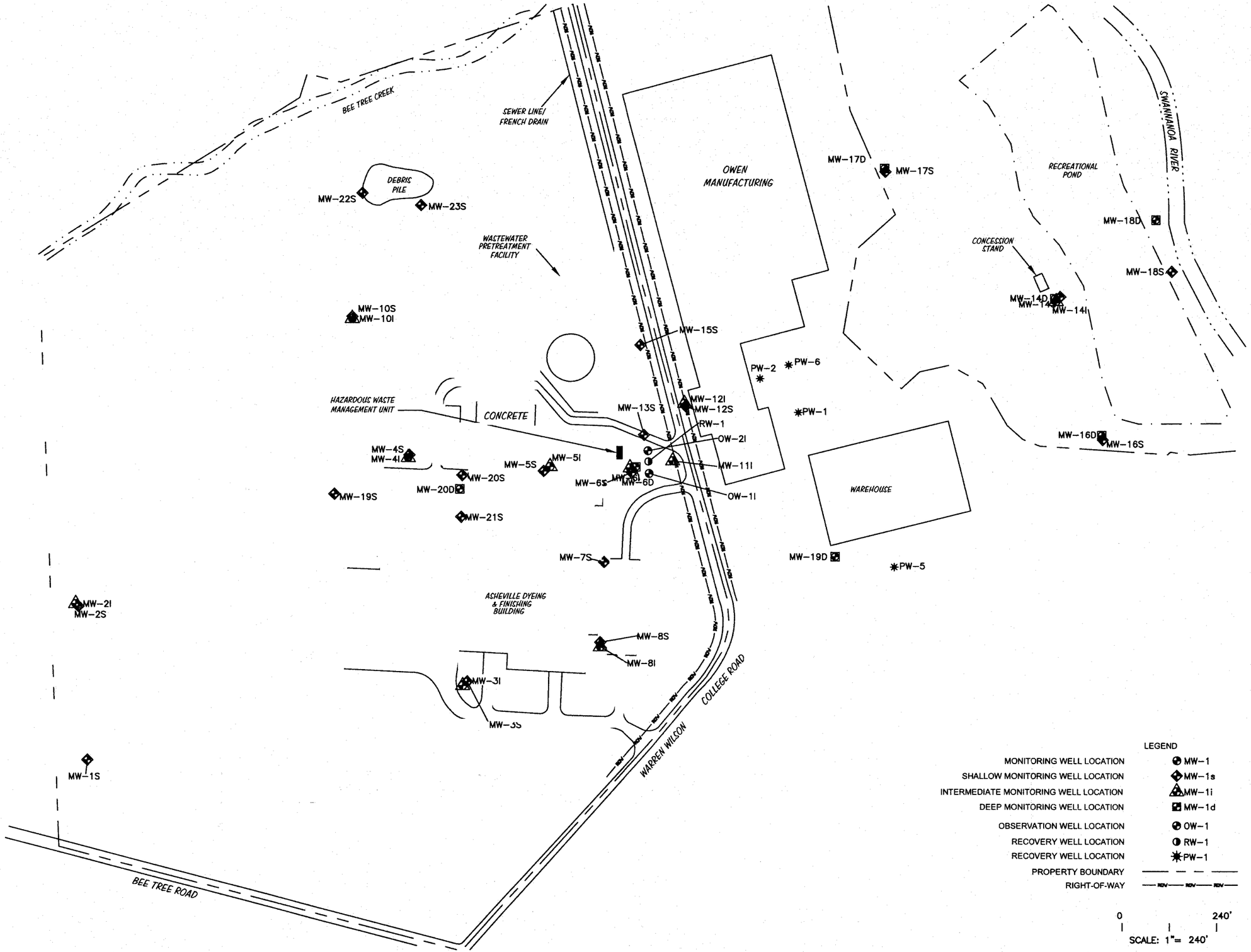
File: 123/Drawing 1

By: KP

TOPOGRAPHIC SITE MAP
FORMER ASHEVILLE DYEING AND
FINISHING FACILITY
SWANNANOA, NORTH CAROLINA

MINERAL SPRINGS environmental, p.c.

DRAWING NO. 1



LEGEND

MONITORING WELL LOCATION	MW-1
SHALLOW MONITORING WELL LOCATION	MW-1s
INTERMEDIATE MONITORING WELL LOCATION	MW-1i
DEEP MONITORING WELL LOCATION	MW-1d
OBSERVATION WELL LOCATION	OW-1
RECOVERY WELL LOCATION	RW-1
RECOVERY WELL LOCATION	PW-1
PROPERTY BOUNDARY	
RIGHT-OF-WAY	ROW

0 240'

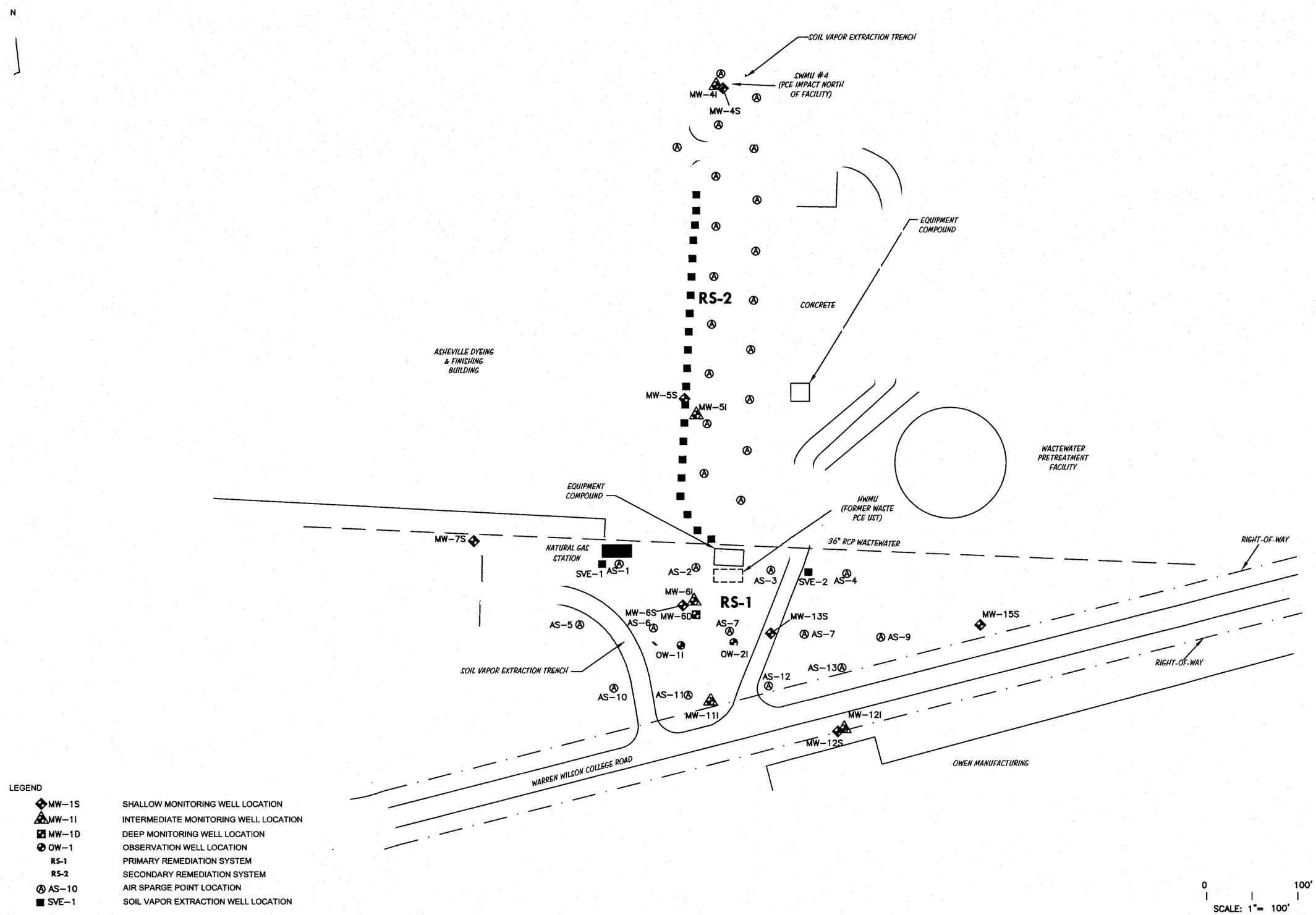
SCALE: 1"= 240'

MINERAL SPRINGS Environmental

DRAWING NO: 2

SITE MAP
ASHEVILLE DYEING AND FINISHING
SWANNANOA, NORTH CAROLINA

CAD DATE: SEPTEMBER 2004
PROJECT NO: MSE123
CAD FILE: MSE-123-001
DRAWN BY: LOT
APPROVAL:
REFERENCE: MID-ATLANTIC MAP DATED MARCH 2001.



LEGEND

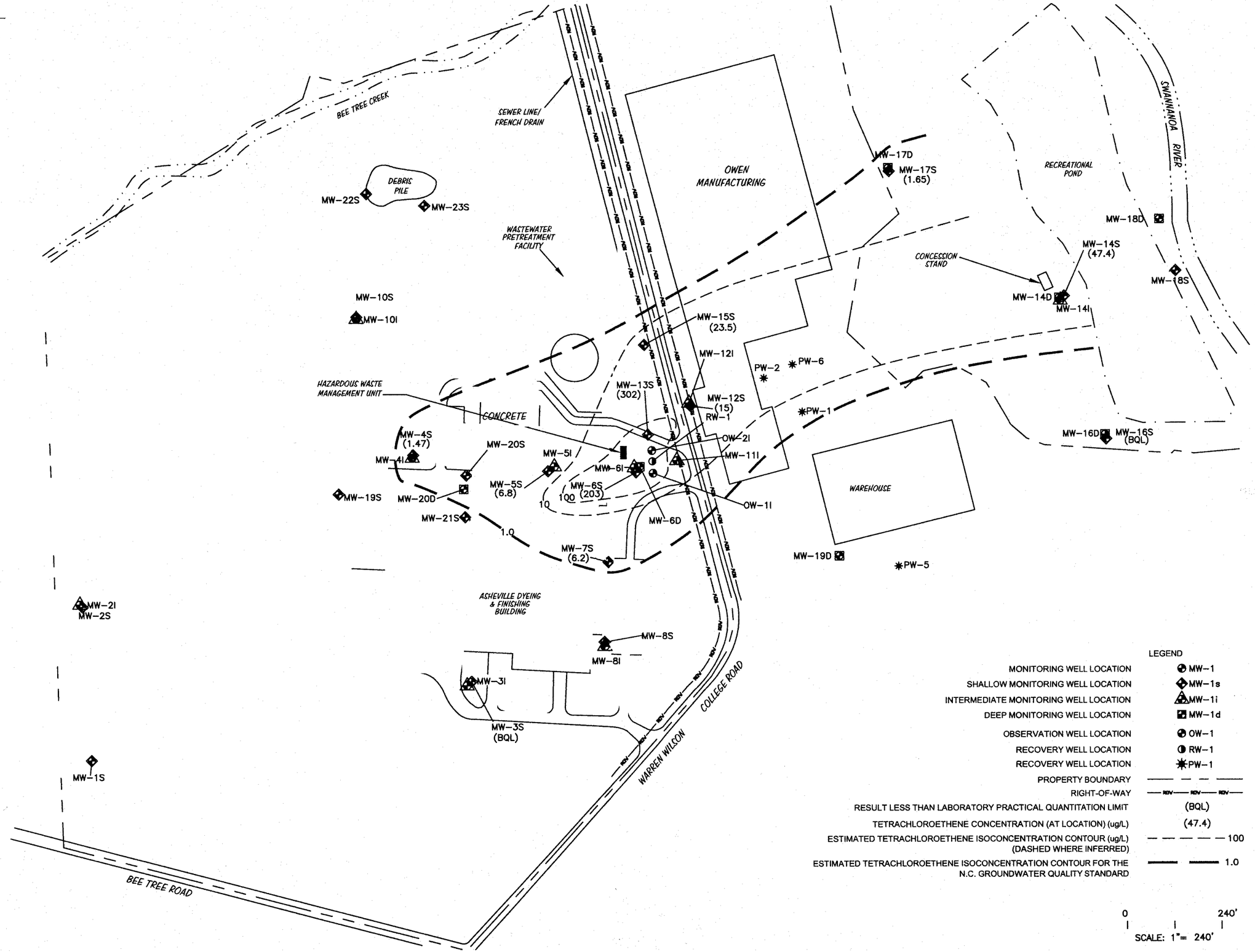
MW-1S	SHALLOW MONITORING WELL LOCATION
MW-1I	INTERMEDIATE MONITORING WELL LOCATION
MW-1D	DEEP MONITORING WELL LOCATION
OW-1	OBSERVATION WELL LOCATION
RS-1	PRIMARY REMEDIATION SYSTEM
RS-2	SECONDARY REMEDIATION SYSTEM
AS-10	AIR SPARGE POINT LOCATION
SVE-1	SOIL VAPOR EXTRACTION WELL LOCATION

MINERAL SPRINGS environmental, p.c.

DRAWING NO: 3

LAYOUT OF AIR SPARGE AND
SOIL VAPOR EXTRACTION SYSTEMS
ASHEVILLE DYEING AND FINISHING
SWANNANOA, NORTH CAROLINA

CAD DATE: JANUARY 2005
PROJECT NO: MSE123
CAD FILE: MSE-123-002
DRAWN BY: LOT
APPROVAL:
REFERENCE: MID-ATLANTIC ASSOCIATES MAP DATED 8/04.



LEGEND

MONITORING WELL LOCATION	MW-1
SHALLOW MONITORING WELL LOCATION	MW-1s
INTERMEDIATE MONITORING WELL LOCATION	MW-1i
DEEP MONITORING WELL LOCATION	MW-1d
OBSERVATION WELL LOCATION	OW-1
RECOVERY WELL LOCATION	RW-1
RECOVERY WELL LOCATION	PW-1
PROPERTY BOUNDARY	
RIGHT-OF-WAY	ROW
RESULT LESS THAN LABORATORY PRACTICAL QUANTITATION LIMIT	(BQL)
TETRACHLOROETHENE CONCENTRATION (AT LOCATION) (ug/L)	(47.4)
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)	100
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR FOR THE N.C. GROUNDWATER QUALITY STANDARD	1.0

0 240'

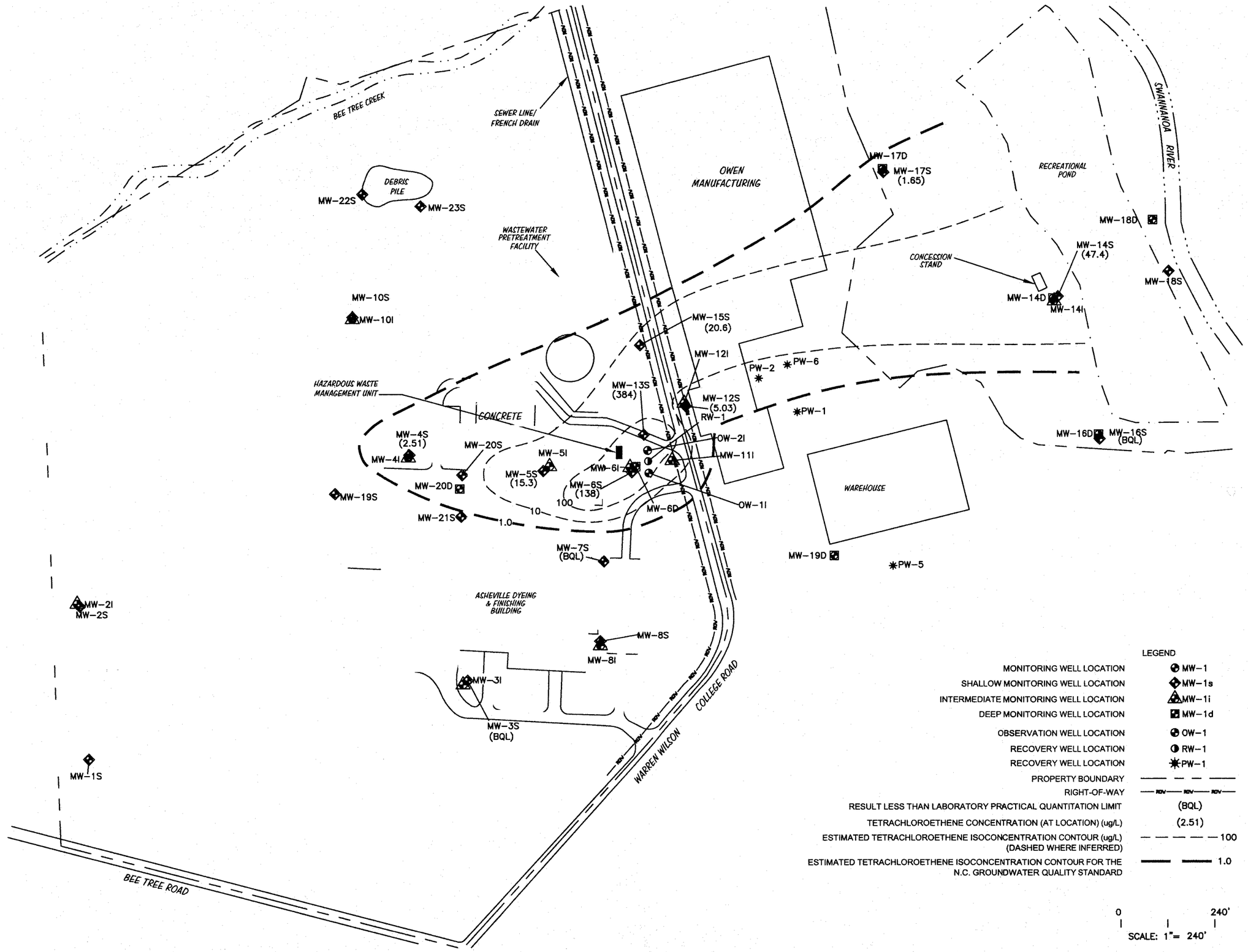
SCALE: 1"= 240'

MINERAL SPRINGS environmental, p.c.

DRAWING NO: 4

TETRACHLOROETHENE ISOCONCENTRATION MAP-
SHALLOW ZONE-(JANUARY 2008)
ASHEVILLE DYEING AND FINISHING
SWANNANOA, NORTH CAROLINA

CAD DATE: AUGUST 2008
PROJECT NO: MSE123
CAD FILE: MSE-123-083
DRAWN BY: LOT
APPROVAL:
REFERENCE: MID-ATLANTIC MAP DATED MARCH 2001.



MINERAL SPRINGS environmental, p.c.

DRAWING NO: 5

TETRACHLOROETHENE ISOCONCENTRATION MAP-
SHALLOW ZONE-(APRIL 2008)
ASHEVILLE DYEING AND FINISHING
SWANNANOA, NORTH CAROLINA

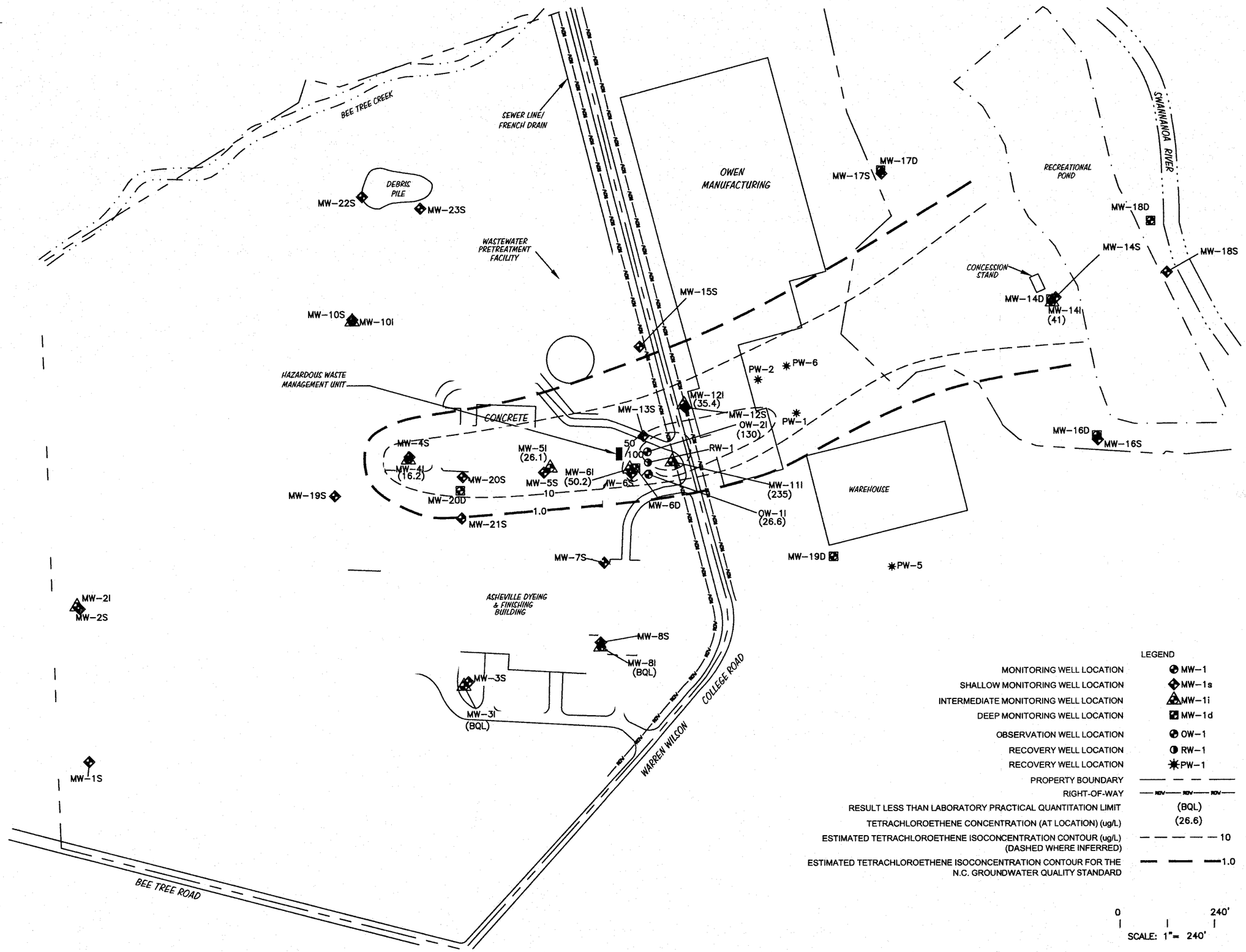
LEGEND

MONITORING WELL LOCATION	MW-1
SHALLOW MONITORING WELL LOCATION	MW-1s
INTERMEDIATE MONITORING WELL LOCATION	MW-1i
DEEP MONITORING WELL LOCATION	MW-1d
OBSERVATION WELL LOCATION	OW-1
RECOVERY WELL LOCATION	RW-1
RECOVERY WELL LOCATION	PW-1
PROPERTY BOUNDARY	
RIGHT-OF-WAY	ROW
RESULT LESS THAN LABORATORY PRACTICAL QUANTITATION LIMIT	(BQL)
TETRACHLOROETHENE CONCENTRATION (AT LOCATION) (ug/L)	(2.51)
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)	100
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR FOR THE N.C. GROUNDWATER QUALITY STANDARD	1.0

0 240'

SCALE: 1"= 240'

CAD DATE: AUGUST 2008
PROJECT NO: MSE123
CAD FILE: MSE-123-084
DRAWN BY: LOT
APPROVAL:
REFERENCE: MID-ATLANTIC MAP DATED MARCH 2001.



LEGEND

MONITORING WELL LOCATION	MW-1
SHALLOW MONITORING WELL LOCATION	MW-1s
INTERMEDIATE MONITORING WELL LOCATION	MW-1i
DEEP MONITORING WELL LOCATION	MW-1d
OBSERVATION WELL LOCATION	OW-1
RECOVERY WELL LOCATION	RW-1
RECOVERY WELL LOCATION	PW-1
PROPERTY BOUNDARY	
RIGHT-OF-WAY	ROW
RESULT LESS THAN LABORATORY PRACTICAL QUANTITATION LIMIT	(BQL)
TETRACHLOROETHENE CONCENTRATION (AT LOCATION) (ug/L)	(26.6)
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)	10
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR FOR THE N.C. GROUNDWATER QUALITY STANDARD	1.0

0 240'

SCALE: 1"= 240'

MINERAL SPRINGS environmental, p.c.

DRAWING NO: 6

TETRACHLOROETHENE ISOCONCENTRATION MAP-INTERMEDIATE ZONE-(JANUARY 2008) ASHEVILLE DYEING AND FINISHING SWANNANOA, NORTH CAROLINA

CAD DATE: AUGUST 2008

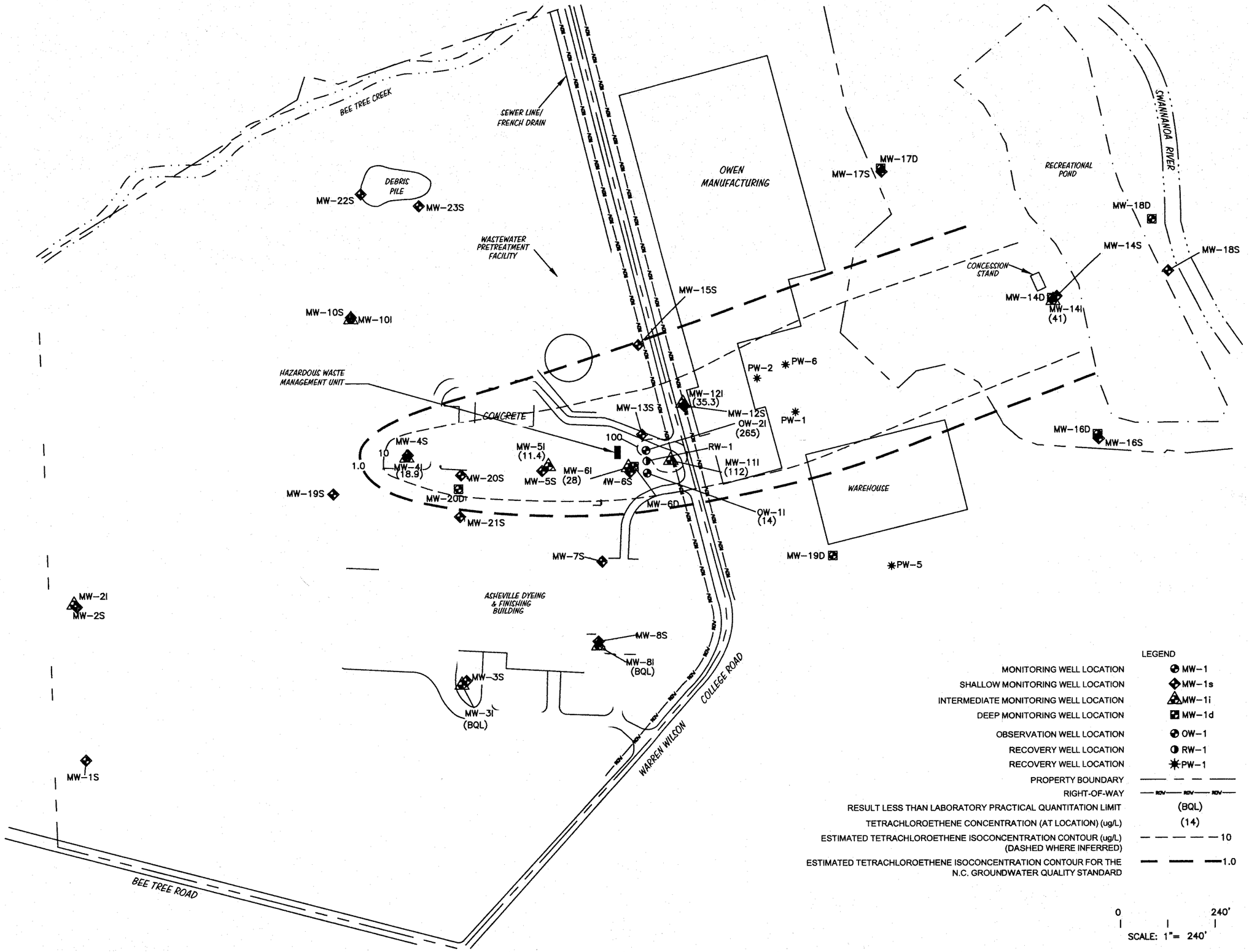
PROJECT NO: MSE123

CAD FILE: MSE-123-085

DRAWN BY: LOT

APPROVAL:

REFERENCE: MID-ATLANTIC MAP DATED MARCH 2001.



LEGEND

MONITORING WELL LOCATION	MW-1
SHALLOW MONITORING WELL LOCATION	MW-1s
INTERMEDIATE MONITORING WELL LOCATION	MW-1i
DEEP MONITORING WELL LOCATION	MW-1d
OBSERVATION WELL LOCATION	OW-1
RECOVERY WELL LOCATION	RW-1
RECOVERY WELL LOCATION	PW-1
PROPERTY BOUNDARY	
RIGHT-OF-WAY	ROW
RESULT LESS THAN LABORATORY PRACTICAL QUANTITATION LIMIT	(BQL)
TETRACHLOROETHENE CONCENTRATION (AT LOCATION) (ug/L)	(14)
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)	10
ESTIMATED TETRACHLOROETHENE ISOCONCENTRATION CONTOUR FOR THE N.C. GROUNDWATER QUALITY STANDARD	1.0

0 240'

SCALE: 1"= 240'

MINERAL SPRINGS environmental, p.c.

DRAWING NO: 7

TETRACHLOROETHENE ISOCONCENTRATION MAP-
INTERMEDIATE ZONE-(APRIL 2008)
ASHEVILLE DYEING AND FINISHING
SWANNANOA, NORTH CAROLINA

CAD DATE: AUGUST 2008
PROJECT NO: MSE123
CAD FILE: MSE-123-086
DRAWN BY: LOT
APPROVAL:
REFERENCE: MID-ATLANTIC MAP DATED MARCH 2001.

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2-DCE	Methylene Chloride	PCE	TCE	1,2,4 Trimethylbenzene	Toluene	1,1,2-TCA
MW-4i	7/10/2001	BQL	BQL	BQL	BQL	BQL	**130**	BQL	BQL	BQL	BQL
	10/18/2001	BQL	BQL	BQL	BQL	BQL	**140**	BQL	BQL	BQL	BQL
	1/16/2002	BQL	BQL	BQL	BQL	BQL	**72**	BQL	BQL	BQL	BQL
	4/15/2002	BQL	BQL	BQL	BQL	BQL	**80**	BQL	BQL	BQL	BQL
	7/11/2002	BQL	BQL	BQL	BQL	BQL	**110**	BQL	BQL	BQL	BQL
	10/9/2002	BQL	BQL	BQL	BQL	BQL	**100**	BQL	BQL	BQL	BQL
	1/15/2003	BQL	BQL	BQL	BQL	BQL	**15**	BQL	BQL	BQL	BQL
	4/9/2003	BQL	BQL	BQL	BQL	BQL	**31**	BQL	BQL	BQL	BQL
	7/16/2003	<1	<1	<1	<1	<5	**50**	<1	BQL	BQL	<1
	10/22/2003	<0.081	<0.03	<0.14	<0.071	<0.097	**45**	<2	BQL	BQL	<0.3
	2/5/2004	<0.167	<0.457	<0.161	<0.230	<0.176	**42.5**	<1.00	BQL	BQL	<0.231
	4/15/2004	<0.206	<0.282	<0.176	<0.231	<0.189	**32.7**	<0.209	BQL	BQL	<0.267
	7/20/2004	<0.206	<0.282	<0.176	<0.23	<0.188	**25**	<1.00	BQL	BQL	<0.267
	10/26/2004	<0.206	<0.282	<0.176	<0.23	<0.188	**46.2**	0.51J	BQL	BQL	<0.267
	1/4/2005	<1	<1	<1	<1	<5	**5.21**	<1	BQL	BQL	<1
	4/19/2005	<1	<1	<1	<1	<5	**30.3**	0.34J	BQL	BQL	<1
	7/26/2005	<1	<1	<1	<1	<5	**20.8**	0.34J	BQL	BQL	<1
	10/18/2005	<1	<!	<1	<1	<1	**41.2**	<1	BQL	BQL	<1
	1/26/2006	<1	<!	<1	<1	<1	**37.8**	0.43J	0.4J	BQL	<1
	4/25/2006	BQL	BQL	BQL	BQL	BQL	**51**	BQL	BQL	BQL	BQL
	7/25/2006	BQL	BQL	BQL	BQL	BQL	**13**	BQL	BQL	BQL	BQL
	10/25/2006	BQL	BQL	BQL	BQL	BQL	**24**	BQL	BQL	BQL	BQL
	1/4/2007	BQL	BQL	BQL	BQL	BQL	**16**	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	BQL	BQL	BQL	**16.5**	BQL	BQL	BQL	BQL
	7/27/2007	BQL	BQL	BQL	BQL	BQL	**24.2**	0.32J	BQL	.10J	BQL
	10/31/2007	BQL	BQL	BQL	BQL	BQL	**25.9**	BQL	BQL	BQL	BQL
	1/15/2008	BQL	BQL	BQL	BQL	BQL	**16.2**	BQL	BQL	BQL	BQL
	4/29/2008	BQL	BQL	BQL	BQL	BQL	**18.9**	0.27	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	2.8	1	1	NE

Notes:
BQL - Below Quanatative Limits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	TCE	1,2,4 Trimethybenzene	1,3,5 Trmethylbenzene	1,1,2-TCA
MW-4s	7/10/2001	BQL	BQL	BQL	BQL	BQL	**45**	BQL	BQL	BQL	BQL
	10/18/2001	BQL	BQL	BQL	BQL	BQL	**46**	BQL	BQL	BQL	BQL
	1/16/2002	BQL	BQL	BQL	BQL	BQL	**65**	BQL	BQL	BQL	BQL
	4/15/2002	BQL	BQL	BQL	BQL	BQL	**41**	BQL	BQL	BQL	BQL
	7/11/2002	BQL	BQL	BQL	BQL	BQL	**45**	BQL	BQL	BQL	BQL
	10/10/2002	BQL	**7**	BQL	BQL	BQL	**29**	BQL	BQL	BQL	BQL
	1/15/2003	BQL	BQL	BQL	BQL	BQL	**8**	BQL	BQL	BQL	BQL
	4/9/2003	BQL	BQL	BQL	BQL	BQL	**6**	BQL	BQL	BQL	BQL
	7/16/2003	<1	<1	<1	<1	<5	3	<1	BQL	BQL	<1
	10/22/2003	<0.081	<0.03	<0.14	<0.071	<0.097	2	<0.076	BQL	BQL	<0.3
	2/5/2004	<0.167	<0.457	<0.161	<0.230	<0.176	<1.00	<0.201	BQL	BQL	<0.231
	4/15/2004	<0.206	<0.282	<0.176	<0.231	<0.189	1.02	<0.209	BQL	BQL	<0.267
	7/20/2004	<0.206	<0.282	<0.176	<0.23	<0.188	1.95	<0.209	BQL	BQL	<0.267
	10/26/2004	<0.206	<0.282	<0.176	<0.23	<0.188	4.72	<0.209	BQL	BQL	<0.267
	1/4/2005	<1	<1	<1	<1	<5	**1.16**	<1	BQL	BQL	<1
	4/19/2005	<1	<1	<1	<1	<5	**5.89**	<1	BQL	BQL	<1
	7/26/2005	<1	<1	<1	<1	<5	0.53	<1	BQL	BQL	<1
	10/18/2005	BQL	<1	<1	<1	0.26J	**2.24**	<1	BQL	BQL	<1
	1/26/2006	BQL	<1	<1	<1	0.21J	**2.24**	1.68	0.75J	0.2J	<1
	4/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/4/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	BQL	BQL	BQL	**2.4**	BQL	BQL	BQL	BQL
	7/27/2007	BQL	BQL	BQL	BQL	BQL	**2.56**	BQL	BQL	BQL	BQL
	10/31/2007	BQL	BQL	BQL	BQL	BQL	**3.7**	BQL	BQL	BQL	BQL
	1/15/2008	BQL	BQL	BQL	BQL	BQL	**1.45**	BQL	BQL	BQL	BQL
	4/29/2008	BQL	BQL	BQL	BQL	BQL	**2.51**	BQL	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	2.8	1	1	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)							
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	TCE	1,1,2-TCA
MW-6s	11/4/1997	BQL	BQL	**260**	BQL	BQL	**1,100**	**100**	BQL
	3/31/1998	55	**10**	**230**	BQL	BQL	**1,500**	**110**	BQL
	7/15/1998	BQL	BQL	**200**	BQL	**73**	**1,100**	**87**	BQL
	10/19/1998	BQL	BQL	**170**	BQL	**380**	**1,000**	**89**	BQL
	1/4/1999	BQL	BQL	**160**	BQL	BQL	**700**	**66**	BQL
	4/14/1999	BQL	BQL	**8.2**	BQL	**10**	**1,100**	**91**	BQL
	7/8/1999	BQL	BQL	**180**	BQL	BQL	**1,100**	BQL	BQL
	10/20/1999	BQL	BQL	**140**	BQL	BQL	**1,600**	BQL	BQL
	1/13/2000	BQL	BQL	**140**	BQL	BQL	**1,500**	BQL	BQL
	4/19/2000	BQL	BQL	**150**	BQL	BQL	**2,200**	BQL	BQL
	7/18/2000	BQL	BQL	**164**	BQL	BQL	**2,420**	**106**	BQL
	10/10/2000	BQL	BQL	**100**	BQL	BQL	**910**	BQL	BQL
	1/25/2001	BQL	BQL	**68**	BQL	BQL	**550**	BQL	BQL
	4/24/2001	BQL	BQL	**120**	BQL	BQL	**960**	BQL	BQL
	7/10/2001	BQL	BQL	**71**	BQL	BQL	**570**	BQL	BQL
	10/16/2001	BQL	BQL	**47**	BQL	BQL	**46**	**8**	BQL
	1/16/2002	BQL	BQL	**76**	BQL	BQL	**580**	**22**	BQL
	4/15/2002	BQL	BQL	**61**	BQL	BQL	**440**	BQL	BQL
	7/10/2002	BQL	BQL	**36**	BQL	BQL	**180**	**8**	BQL
	10/8/2002	BQL	BQL	**51**	BQL	BQL	**400**	**12**	BQL
NCGWQS		700	2.6	70	70	5	0.7	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)							
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	TCE	1,1,2-TCA
MW-6s Cont.	1/15/2003	BQL	BQL	34	BQL	BQL	**230**	**9**	BQL
	4/9/2003	BQL	BQL	33	BQL	BQL	**210**	**9**	BQL
	7/16/2003	<2	<1	32	<5	<25	**190**	**9**	<5
	10/21/2003	<0.081	<0.03	30	<0.071	<0.097	**210**	**9**	<0.3
	2/4/2004	<1.67	<4.57	47.6	<2.30	<1.76	**342**	**14.8**	<2.31
	4/14/2004	<2.06	<2.82	32.7	<2.31	<50.0	**270**	<10.0	<2.67
	7/19/2004	<2.06	<2.82	36.4	<2.3	<1.88	**207**	<10.00	<2.67
	10/25/2004	<2.06	<2.82	47.9	<2.3	<1.88	**355**	<2.09	<2.67
	1/4/2005	<10	<10	25.1	<10	<50	**206**	**9.10J**	<10
	4/19/2005	<20	<20	44.8	<20	6.2J	**380**	19.6J	<20
	7/26/2005	<20	<20	42.6	<20	6.2J	**503**	20.2	<20
	10/17/2005	<10	<10	34.4	2.60J	2.10J	**283**	16.5	<20
	1/26/2006	<10	<10	36	<20	BQL	**377**	BQL	BQL
	4/25/2006	<5	<5	42	<5	<5	**470**	**22**	<5
	7/25/2006	BQL	BQL	22	BQL	BQL	**176**	BQL	BQL
	10/23/2006	BQL	BQL	48	BQL	BQL	**320**	**18**	BQL
	1/3/2007	BQL	BQL	47	BQL	BQL	**415**	**16**	BQL
	4/25/2007	BQL	**10.4**	15.4	BQL	BQL	**109**	**4.9**	BQL
	7/26/2007	BQL	BQL	12.9	BQL	**20.5J**	**93.8**	**4.6J**	BQL
	10/30/2007	BQL	BQL	11.8	BQL	BQL	**67**	BQL	BQL
	1/15/2008	BQL	BQL	25.6	BQL	BQL	**203**	8.30J	BQL
	4/29/2008	BQL	BQL	21.2	BQL	BQL	**138**	**5.8**	BQL
NCGWQS		700	2.6	70	70	5	0.7	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene	TCE	1,1,2-TCA
MW-7s	11/4/1997	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	3/31/1998	81	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/15/1998	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/19/1998	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/4/1999	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/14/1999	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/20/1999	BQL	BQL	BQL	BQL	BQL	**7**	BQL	BQL	BQL	BQL
	1/13/2000	BQL	BQL	BQL	BQL	BQL	**36**	BQL	BQL	BQL	BQL
	4/19/2000	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/18/2000	BQL	BQL	BQL	BQL	BQL	**29**	BQL	BQL	BQL	BQL
	10/10/2000	BQL	BQL	BQL	BQL	BQL	**12**	BQL	BQL	BQL	BQL
	1/25/2001	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/24/2001	BQL	BQL	BQL	BQL	BQL	**19**	BQL	BQL	BQL	BQL
	7/10/2001	BQL	BQL	BQL	BQL	BQL	**3**	BQL	BQL	BQL	BQL
	10/16/2001	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/16/2002	BQL	BQL	BQL	BQL	BQL	**21**	BQL	BQL	BQL	BQL
	4/15/2002	BQL	BQL	BQL	BQL	BQL	**1**	BQL	BQL	BQL	BQL
	7/11/2002	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/9/2002	BQL	BQL	BQL	BQL	BQL	**49**	BQL	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	1	1	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene	TCE	1,1,2-TCA
MW-7s Cont.	1/15/2003	BQL	BQL	BQL	BQL	BQL	**5**	BQL	BQL	BQL	BQL
	4/9/2003	BQL	BQL	BQL	BQL	BQL	**2**	BQL	BQL	BQL	BQL
	7/16/2003	<1	<1	<1	<1	<5	<1	BQL	BQL	<1	<1
	10/21/2003	<0.081	<0.03	<0.14	<0.071	<0.097	<1	BQL	BQL	<0.076	<0.3
	2/4/2004	<0.167	<0.457	<0.161	<0.230	<0.176	<1.00	BQL	BQL	<0.021	<0.231
	4/14/2004	<0.206	<0.282	<0.716	<0.231	<0.189	<0.304	BQL	BQL	<0.209	<0.267
	7/19/2004	<0.206	<0.282	<0.716	<0.23	<0.188	<0.304	BQL	BQL	<0.209	<0.267
	10/25/2004	<0.206	<0.282	<0.716	<0.23	<0.188	<0.304	BQL	BQL	<0.209	<0.267
	1/4/2005	<1	<1	<1	<1	<5	<1	BQL	BQL	<1	<1
	4/19/2005	<1	<1	<1	<1	<5	**3.73**	BQL	BQL	<1	<1
	7/26/2005	<1	<1	<1	<1	<5	<1	BQL	BQL	<1	<1
	10/17/2005	<1	<1	<1	<1	<5	<1	BQL	BQL	<1	<1
	1/26/2006	<1	<1	<1	<1	<5	<1	0.59J	0.19J	<1	<1
	4/25/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	7/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/3/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/26/2007	BQL	BQL	BQL	BQL	BQL	**5.44**	BQL	BQL	**0.15**	BQL
	10/30/2007	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/15/2008	BQL	BQL	BQL	BQL	BQL	**6.2**	BQL	BQL	BQL	BQL
	4/29/2008	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	1	1	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)							
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	TCE	1,1,2-TCA
MW-11i	11/4/1997	BQL	BQL	26	BQL	BQL	**260**	**12**	BQL
	3/31/1998	24	BQL	27	BQL	BQL	**380**	**16**	BQL
	7/15/1998	BQL	BQL	15	BQL	BQL	**200**	**8.1**	BQL
	10/19/1998	BQL	BQL	14	BQL	BQL	**180**	**6.7**	BQL
	1/4/1999	BQL	BQL	14	BQL	BQL	**190**	**6.7**	BQL
	4/14/1999	BQL	BQL	23	BQL	BQL	**50**	**12**	BQL
	7/8/1999	BQL	BQL	22	BQL	BQL	**230**	BQL	BQL
	10/20/1999	BQL	BQL	21	BQL	BQL	**190**	BQL	BQL
	1/13/2000	BQL	BQL	22	BQL	BQL	**250**	BQL	BQL
	4/19/2000	BQL	BQL	19	BQL	BQL	**150**	BQL	BQL
	7/18/2000	BQL	BQL	31.5	BQL	BQL	**326**	**14**	BQL
	10/10/2000	BQL	BQL	22	BQL	BQL	**210**	BQL	BQL
	1/25/2001	BQL	BQL	21	BQL	BQL	**150**	BQL	BQL
	4/24/2001	BQL	BQL	31	BQL	BQL	**280**	BQL	BQL
	7/10/2001	BQL	BQL	21	BQL	BQL	**220**	BQL	BQL
	10/16/2001	BQL	BQL	26	BQL	BQL	**73**	**9**	BQL
	1/16/2002	BQL	BQL	29	BQL	BQL	**230**	**11**	BQL
	4/15/2002	BQL	BQL	22	BQL	BQL	**130**	**7**	BQL
	7/10/2002	BQL	BQL	20	BQL	BQL	**180**	**8**	BQL
	10/8/2002	BQL	BQL	20	BQL	BQL	**120**	**7**	BQL
NCGWQS		700	2.6	70	70	5	0.7	2.8	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)							
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	TCE	1,1,2-TCA
MW-11i Cont.	1/15/2003	BQL	BQL	18	BQL	BQL	**130**	**7**	BQL
	4/9/2003	BQL	BQL	23	BQL	BQL	**150**	**8**	BQL
	7/16/2003	<4	<4	25	<4	<20	**190**	**10**	<4
	10/21/2003	<0.081	<0.03	23	<4	<0.097	**150**	**9**	<0.3
	2/4/2004	<1.34	<3.66	28	<1.84	<1.41	**221**	**11.4**	<1.85
	4/14/2004	<2.06	<2.82	25.3	<2.31	<50.0	**248**	<10.0	<2.67
	7/19/2004	<2.06	<2.82	30.4	<2.3	<1.88	**238**	**10.3**	<2.67
	10/25/2004	<2.06	<2.82	32.7	<2.3	<1.88	**230**	**12.5**	<2.67
	1/4/2005	<10	<10	28.1	<10	<50	**138**	**8.5J**	<10
	4/19/2005	5.4J	<10	31.8	<10	<50	**185**	**11.2**	<10
	7/26/2005	<10	<10	23.4	<10	<50	**193**	**10.3**	**7.2J**
	10/18/2005	<10	<10	34	<10	<50	**181**	**13.7**	<10
	1/26/2006	<10	<10	28.9	<10	<50	**228**	**11.7**	<10
	4/25/2006	<5	<5	42	<5	<5	**250**	**16**	<5
	7/25/2006	BQL	BQL	29	BQL	BQL	**180**	BQL	BQL
	10/24/2006	BQL	BQL	32	BQL	BQL	**217**	**15**	BQL
	1/3/2007	BQL	BQL	32	BQL	BQL	**180**	**13**	BQL
	4/25/2007	BQL	**4.6**	30.4	2.8	3.3	**123**	**9.7**	BQL
	7/26/2007	BQL	BQL	**41.2**	BQL	**17.2J**	**202**	**15.7**	BQL
	10/30/2007	BQL	BQL	**34.3**	BQL	BQL	**166**	**10.7**	BQL
	1/15/2008	BQL	BQL	**36.9**	BQL	BQL	**235**	**13.4**	BQL
	4/29/2008	BQL	BQL	31.5	BQL	BQL	**112**	**10.1**	BQL
NCGWQS		700	2.6	70	70	5	0.7	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)												
		Carbon Disulfide	Chloro-Methane	trans-1,3-Dichloropropene	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,3,5 Tri-methylbenzene	n-Butylbenzene	Chloroform	Acetone	1,2,4 Tri-methylbenzene	TCE	1,1,2+ TCA
MW-12s	11/4/1997	BQL	BQL	BQL	BQL	BQL	BQL	**400**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	3/31/1998	14	BQL	BQL	BQL	BQL	BQL	**500**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/15/1998	BQL	BQL	BQL	BQL	BQL	BQL	**260**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/19/1998	BQL	BQL	BQL	BQL	BQL	BQL	**260**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/4/1999	BQL	BQL	BQL	BQL	BQL	BQL	**140**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/14/1999	BQL	BQL	BQL	BQL	BQL	BQL	**200**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	BQL	**520**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/20/1999	BQL	BQL	BQL	BQL	BQL	BQL	**180**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/13/2000	BQL	BQL	BQL	BQL	BQL	BQL	**320**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/19/2000	BQL	BQL	BQL	BQL	BQL	BQL	**200**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/18/2000	BQL	BQL	BQL	11.4	0.32	BQL	**704**	BQL	BQL	BQL	BQL	BQL	**6**	BQL
	10/10/2000	BQL	BQL	BQL	BQL	BQL	BQL	**250**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/25/2001	BQL	BQL	BQL	BQL	BQL	BQL	**180**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/24/2001	BQL	BQL	BQL	BQL	BQL	BQL	**130**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/10/2001	BQL	BQL	BQL	BQL	BQL	BQL	**53**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/18/2001	BQL	BQL	BQL	BQL	BQL	BQL	**250**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/17/2002	BQL	BQL	BQL	BQL	BQL	BQL	**310**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/15/2002	BQL	BQL	BQL	BQL	BQL	BQL	**120**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/11/2002	BQL	BQL	BQL	BQL	BQL	BQL	**100**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/9/2002	BQL	BQL	BQL	BQL	BQL	BQL	**140**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
NCGWQS		700	2.6		70	70	5	0.7	NE	NE	NE	NE	NE	2.8	NE

Notes:
BQL - Below Quanatative Limits
NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)														
		Carbon Disulfide	Cloro form	Chloro-Methane	trans-1,3-Dichloropropene	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,3,5 Tri-methylbenzene	n-Butylbenzene	Chloroform	Acetone	1,2,4 Tri-methylbenzene	TCE	1,1,2-TCA
MW-12s Cont.	1/15/2003	BQL		BQL	BQL	BQL	BQL	BQL	**14**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/9/2003	BQL		BQL	BQL	BQL	BQL	BQL	**29**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/16/2003	<1		<1	BQL	<1	<1	<5	**25**	BQL	BQL	BQL	BQL	BQL	<1	<1
	10/22/2003	<0.081		<0.03	BQL	<2	<0.071	<0.097	**44**	BQL	BQL	BQL	BQL	BQL	<0.76	<0.3
	2/4/2004	<0.167		<0.457	BQL	<1.00	<0.230	<0.176	**28.5**	BQL	BQL	BQL	BQL	BQL	<1.00	<0.231
	4/15/2004	<0.413		<0.563	BQL	<0.351	<0.461	<10.0	**46.3**	BQL	BQL	BQL	BQL	BQL	<0.419	<0.535
	7/20/2004	<0.206		<0.282	BQL	<0.176	<0.23	<0.188	**5.83**	BQL	BQL	BQL	BQL	BQL	<1.00	<0.267
	10/25/2004	<0.206		<0.282	BQL	0.53J	<0.23	<0.188	**15.6**	BQL	BQL	BQL	BQL	BQL	<0.209	<0.267
	1/4/2005	<1		<1	BQL	0.22J	<1	<5	**6.39**	BQL	BQL	BQL	BQL	BQL	<1	<1
	4/19/2005	<1		<1	BQL	2.2	<1	<5	**51**	BQL	BQL	BQL	BQL	BQL	0.82J	<1
	7/27/2005	<1		<1	BQL	0.19J	<1	<5	**4.61**	BQL	BQL	BQL	BQL	BQL	0.82J	<1
	10/18/2005	<1		<1	BQL	<1	2.26	0.23J	**31.8**	BQL	BQL	BQL	BQL	BQL	0.84J	<1
	1/26/2006	<1		<1	BQL	3.2	2.26	0.2J	**41.5**	**0.23J**	BQL	BQL	BQL	**0.9J**	0.9J	<1
	4/25/2006	<5		<5	BQL	<5	<5	<5	**12**	<5	BQL	BQL	BQL	<5	<5	<5
	7/25/2006	BQL		BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2006	BQL		BQL	BQL	BQL	BQL	BQL	**15**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/4/2007	BQL		BQL	BQL	BQL	BQL	BQL	**23**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/25/2007	BQL		BQL	BQL	BQL	BQL	BQL	**4.99**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	7/27/2007	BQL		BQL	**0.33J**	**2.1**	BQL	BQL	**23.5**	BQL	**0.4J**	BQL	BQL	BQL	**0.68J**	**.99J**
	11/1/2007	BQL		BQL	BQL	**2.02**	BQL	BQL	**15.8**	BQL	BQL	BQL	BQL	BQL	**0.5**	BQL
	1/16/2008	BQL		BQL	BQL	**.52J**	BQL	BQL	**15**	BQL	BQL	**.22J**	**4.53J**	BQL	**.29J**	BQL
	4/29/2008	BQL	0.4	BQL	BQL	BQL	BQL	BQL	**5.03**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
NCGWQS		700		2.6		70	70	5	0.7	NE	NE		NE	NE	2.8	NE

Notes:
BQL - Below Quanatative Limits
NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)											
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	4-Isopropyl-toluene	N-Propyl-benzene	Toluene	TCE	1,2,4 Tri-methylbenzene	1,1,2-TCA
MW-12i	11/4/1997	BQL	BQL	52	BQL	BQL	**630**	BQL	BQL	BQL	**27**	BQL	BQL
	3/31/1998	**26**	BQL	45	BQL	BQL	**560**	BQL	BQL	BQL	**24**	BQL	BQL
	7/15/1998	BQL	BQL	**88**	BQL	BQL	**1900**	BQL	BQL	BQL	**36**	BQL	BQL
	10/19/1998	BQL	BQL	**110**	BQL	BQL	**2900**	BQL	BQL	BQL	**53**	BQL	BQL
	1/4/1999	BQL	BQL	**100**	BQL	BQL	**2900**	BQL	BQL	BQL	**49**	BQL	BQL
	4/14/1999	BQL	BQL	**100**	BQL	BQL	**1300**	BQL	BQL	BQL	**45**	BQL	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	**800**	BQL	BQL	BQL	BQL	BQL	BQL
	10/20/1999	BQL	BQL	**81**	BQL	BQL	**920**	BQL	BQL	BQL	BQL	BQL	BQL
	1/13/2000	BQL	BQL	**260**	BQL	BQL	**540**	BQL	BQL	BQL	BQL	BQL	BQL
	4/19/2000	BQL	BQL	48	BQL	BQL	**340**	BQL	BQL	BQL	BQL	BQL	BQL
	7/18/2000	BQL	BQL	61.4	0.91	BQL	**376**	BQL	BQL	BQL	**21**	BQL	BQL
	10/10/2000	BQL	BQL	49	BQL	BQL	**340**	BQL	BQL	BQL	BQL	BQL	BQL
	1/25/2001	BQL	BQL	42	BQL	BQL	**210**	BQL	BQL	BQL	BQL	BQL	BQL
	4/24/2001	BQL	BQL	45	BQL	BQL	**260**	BQL	BQL	BQL	BQL	BQL	BQL
	7/10/2001	BQL	BQL	9	BQL	BQL	**59**	BQL	BQL	BQL	BQL	BQL	BQL
	10/18/2001	BQL	BQL	39	BQL	BQL	**230**	BQL	BQL	BQL	**10**	BQL	BQL
	1/17/2002	BQL	BQL	30	BQL	BQL	**200**	BQL	BQL	BQL	**9**	BQL	BQL
	4/15/2002	BQL	BQL	17	BQL	BQL	**120**	BQL	BQL	BQL	**6**	BQL	BQL
	7/11/2002	BQL	BQL	13	BQL	BQL	**110**	BQL	BQL	BQL	**5**	BQL	BQL
	10/9/2002	BQL	BQL	11	BQL	BQL	**82**	BQL	BQL	BQL	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	NE	NE	2.8	NE	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)												
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2-DCE	Methylene Chloride	PCE	4-Isopropyl-toluene	N-Propyl-benzene	Toluene	Acetone	TCE	1,2,4 Tri-methylbenzene	1,1,2-TCA
	1/15/2003	BQL	BQL	9	BQL	BQL	**56**	BQL	BQL	BQL	BQL	**3**	BQL	BQL
	4/9/2003	BQL	BQL	6	BQL	BQL	**48**	BQL	BQL	BQL	BQL	**3**	BQL	BQL
	7/16/2003	<2	<2	17	<2	<10	**96**	BQL	BQL	BQL	BQL	**5**	BQL	<2
	10/22/2003	<0.081	<0.03	53	<0.071	<0.097	**210**	BQL	BQL	BQL	BQL	**11**	BQL	<0.3
	2/4/2004	<1.67	<4.57	43.3	<2.30	<1.760	**192.0**	BQL	BQL	BQL	BQL	<10.00	BQL	<2.310
	4/15/2004	<2.06	<2.82	42.3	<2.31	<50.0	**185**	BQL	BQL	BQL	BQL	<10.0	BQL	<2.67
	7/20/2004	<1.65	<2,26	17.8	<1.84	<1.5	**221**	BQL	BQL	BQL	BQL	**30.5**	BQL	<2.14
	10/25/2004	<0.824	<1.13	23.0	<0.92	<0.75	**119**	BQL	BQL	BQL	BQL	**5.08**	BQL	<1.07
	1/4/2005	<1	<1	15.3	<1	<5	**74.8**	BQL	BQL	BQL	BQL	**3.48**	BQL	<1
	4/19/2005	<4	<4	9.64	<4	<20	**57.2**	BQL	BQL	BQL	BQL	2.68J	BQL	<4
MW-12i	7/27/2005	<4	<4	6.52	<4	<20	**46.3**	BQL	BQL	BQL	BQL	1.88J	BQL	<4
Cont.	10/18/2005	<4	<4	8.16	<4	<20	**49.8**	BQL	BQL	BQL	BQL	2.8J	BQL	<4
	1/26/2006	<4	<4	4.31	<4	<20	**17.5**	0.51J	0.28J	0.31J	BQL	1.17	8.75	<4
	4/25/2006	<5	<5	<5	<5	<5	**31**	<5	<5	<5	BQL	<5	<5	<5
	7/25/2006	BQL	BQL	BQL	BQL	BQL	**32**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2006	BQL	BQL	BQL	BQL	BQL	**23**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/4/2007	BQL	BQL	BQL	BQL	BQL	**9.9**	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	4.33	BQL	BQL	**33.5**	BQL	BQL	BQL	BQL	1.63	BQL	BQL
	7/27/2007	BQL	BQL	**4.2**	BQL	BQL	**31.6**	BQL	BQL	BQL	BQL	**1.43**	BQL	BQL
	11/1/2007	BQL	BQL	**3.53**	BQL	BQL	**10.4**	BQL	BQL	BQL	BQL	**0.66**	BQL	BQL
	1/16/2008	BQL	BQL	**4.78**	BQL	BQL	**35.4**	BQL	BQL	BQL	BQL	**1.49**	BQL	BQL
	4/29/2008	BQL	BQL	5.13	BQL	BQL	**35.3**	BQL	BQL	BQL	BQL	1.92	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	NE	NE		2.8	NE	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4 Tri-methylbenzene	1,3,5 Tri-methylbenzene	TCE	1,1,2-TCA
MW-13s	11/4/1997	BQL	BQL	**3,600**	44	BQL	**8,900**	BQL	BQL	**740**	BQL
	3/31/1998	26	BQL	**730**	11	BQL	**2,200**	BQL	BQL	**150**	BQL
	7/15/1998	BQL	BQL	**1,200**	BQL	BQL	**2,700**	BQL	BQL	BQL	BQL
	10/19/1998	BQL	BQL	**1,200**	BQL	BQL	**2,600**	BQL	BQL	**200**	BQL
	1/4/1999	BQL	BQL	**2,000**	51	BQL	**5,300**	BQL	BQL	**280**	BQL
	4/14/1999	BQL	BQL	**1,100**	17	BQL	**2,500**	BQL	BQL	**180**	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	**1,400**	BQL	BQL	BQL	BQL
	10/20/1999	BQL	BQL	**1,900**	BQL	BQL	**3,700**	BQL	BQL	BQL	BQL
	1/13/2000	BQL	BQL	**430**	BQL	BQL	**3,300**	BQL	BQL	BQL	BQL
	4/19/2000	BQL	BQL	**640**	BQL	BQL	**1,400**	BQL	BQL	BQL	BQL
	7/18/2000	BQL	BQL	**2,290**	27.5	BQL	**4,890**	BQL	BQL	**355**	BQL
	10/10/2000	BQL	BQL	**1,500**	BQL	BQL	**1,300**	BQL	BQL	BQL	BQL
	1/25/2001	BQL	BQL	**2,700**	BQL	BQL	**6,500**	BQL	BQL	**450**	BQL
	4/24/2001	BQL	BQL	**1,000**	BQL	BQL	**2,500**	BQL	BQL	BQL	BQL
	7/10/2001	BQL	BQL	**1,900**	BQL	BQL	**4,600**	BQL	BQL	**280**	BQL
	10/18/2001	BQL	BQL	**2,500**	BQL	BQL	**5,400**	BQL	BQL	**340**	BQL
	1/17/2002	BQL	BQL	**2,300**	BQL	BQL	**5,700**	BQL	BQL	**360**	BQL
	4/15/2002	BQL	BQL	**1,300**	BQL	BQL	**2,900**	BQL	BQL	**170**	BQL
	7/11/2002	BQL	BQL	**2,100**	BQL	BQL	**6,100**	BQL	BQL	**300**	BQL
	10/8/2002	BQL	BQL	**2,000**	BQL	BQL	**5,500**	BQL	BQL	**270**	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	NE	2.8	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2-DCE	Methylene Chloride	PCE	1,2,4 Tri-methylbenzene	1,3,5 Tri-methylbenzene	TCE	1,1,2-TCA
MW-13s Cont.	1/15/2003	BQL	BQL	**390**	BQL	BQL	**1,000**	BQL	BQL	**59**	BQL
	4/9/2003	BQL	BQL	**140**	BQL	BQL	**350**	BQL	BQL	**19**	BQL
	7/16/2003	<40	<40	**270**	<40	<200	**750**	BQL	BQL	**41**	<40
	10/21/2003	<0.081	<0.03	**260**	<40	<0.097	**810**	BQL	BQL	**43**	<0.3
	2/4/2004	<6.69	<18.3	**386**	<9.20	<7.03	**1,070**	BQL	BQL	**62.4**	<9.25
	4/14/2004	<8.25	<11.3	**87.6**	<9.22	<200	**328**	BQL	BQL	<8.37	<10.7
	7/20/2004	<2.09	<2.82	**17.4**	<2.3	<1.88	**302**	BQL	BQL	**10.9**	<2.67
	10/27/2004	<0.824	<1.13	**24.6**	<0.92	<0.75	**68.1**	BQL	BQL	2.76J	<1.07
	1/4/2005	<4	<4	**4.96**	<4	<20	**22.7**	BQL	BQL	<4	<4
	4/19/2005	<1	<1	**2.72**	<1	<5	**14.8**	BQL	BQL	0.71J	<1
	7/27/2005	<1	<1	**2.15**	<1	<5	**9.91**	BQL	BQL	0.30J	<1
	10/18/2005	<4	<4	**11.2**	1.64J	<20	**40.6**	BQL	BQL	1.72J	<1
	1/26/2006	<4	<4	**2.41**	1.64J	<20	**14.7**	**2.06**	**0.67J**	0.39J	<1
	4/25/2006	<5	<5	**26**	<5	<5	**110**	<5	<5	<5	<5
	7/25/2006	8.5	BQL	BQL	BQL	BQL	**41**	BQL	BQL	BQL	BQL
	10/24/2006	BQL	BQL	**26**	BQL	BQL	**114**	BQL	BQL	BQL	BQL
	1/3/2007	BQL	BQL	**16**	BQL	BQL	**52**	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	**20.5**	BQL	BQL	**108**	BQL	BQL	**2.2**	BQL
	7/27/2007	BQL	BQL	**28.2**	BQL	BQL	**139**	BQL	BQL	**2.96J**	BQL
	11/1/2007	BQL	BQL	**26.7**	BQL	BQL	**108**	BQL	BQL	**2.33**	BQL
	1/16/2008	BQL	BQL	**41.9**	BQL	BQL	**302**	BQL	BQL	**5.36J**	BQL
	4/29/2008	BQL	BQL	54	BQL	31.3	**384**	BQL	BQL	**6.16**	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	NE	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4 Tri-methylbenzene	1,3,5 Tri-methylbenzene	TCE	1,1,2-TCA
MW-15s	11/4/1997	BQL	BQL	BQL	BQL	BQL	**30**	BQL	BQL	BQL	BQL
	3/31/1998	**100**	BQL	BQL	BQL	BQL	**8.8**	BQL	BQL	BQL	BQL
	7/15/1998	BQL	BQL	BQL	BQL	BQL	**7.1**	BQL	BQL	BQL	BQL
	10/19/1998	BQL	BQL	BQL	BQL	**22**	**11**	BQL	BQL	BQL	BQL
	1/4/1999	BQL	BQL	BQL	BQL	BQL	**13**	BQL	BQL	BQL	BQL
	4/14/1999	BQL	BQL	BQL	BQL	**140**	BQL	BQL	BQL	BQL	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	**12**	BQL	BQL	BQL	BQL
	10/20/1999	BQL	BQL	BQL	BQL	BQL	**11**	BQL	BQL	BQL	BQL
	1/13/2000	BQL	BQL	BQL	BQL	BQL	**15**	BQL	BQL	BQL	**1**
	4/19/2000	BQL	BQL	BQL	BQL	BQL	**12**	BQL	BQL	BQL	BQL
	7/18/2000	BQL	BQL	0.606	BQL	BQL	**13.9**	BQL	BQL	0.606	BQL
	10/10/2000	BQL	BQL	BQL	BQL	BQL	**28**	BQL	BQL	BQL	BQL
	1/25/2001	BQL	BQL	BQL	BQL	BQL	**22**	BQL	BQL	1	BQL
	4/24/2001	BQL	BQL	BQL	BQL	BQL	**14**	BQL	BQL	BQL	BQL
	7/10/2001	BQL	BQL	BQL	BQL	BQL	**22**	BQL	BQL	1	BQL
	10/16/2001	BQL	BQL	BQL	BQL	BQL	**5**	BQL	BQL	BQL	BQL
	1/16/2002	BQL	BQL	BQL	BQL	BQL	**11**	BQL	BQL	BQL	BQL
	4/15/2002	BQL	BQL	BQL	BQL	BQL	**7**	BQL	BQL	BQL	BQL
	7/11/2002	BQL	BQL	BQL	BQL	BQL	**7**	BQL	BQL	BQL	BQL
	10/9/2002	BQL	BQL	BQL	BQL	BQL	**7**	BQL	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	NE	2.8	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)										
		Carbon Disulfide	Chloroform	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4 Tri-methylbenzene	1,3,5 Tri-methylbenzene	TCE	1,1,2-TCA
MW-15s Cont.	1/15/2003	BQL	BQL	BQL	BQL	BQL	BQL	**3**	BQL	BQL	BQL	BQL
	4/9/2003	BQL	BQL	BQL	BQL	BQL	BQL	**4**	BQL	BQL	BQL	BQL
	7/16/2003	<1	BQL	<1	<1	<1	<5	**2**	BQL	BQL	<1	<1
	10/22/2003	<0.081	BQL	<0.03	<0.14	<0.071	<0.097	**2**	BQL	BQL	<1	<0.3
	2/4/2004	<0.167	BQL	<0.457	<0.161	<0.230	<0.176	**2**	BQL	BQL	<1.00	<0.231
	4/14/2004	<0.206	BQL	<0.282	<0.176	<0.231	<0.189	**1.49**	BQL	BQL	<1.00	<0.267
	7/20/2004	<0.206	BQL	<0.282	<1.00	<0.23	<0.188	**30.1**	BQL	BQL	<1.00	<0.267
	10/25/2004	<0.206	BQL	<0.282	<0.276	<0.23	<0.188	**0.82J**	BQL	BQL	0.23J	<0.267
	1/4/2005	<1	BQL	<1	<1	<1	<5	<1	BQL	BQL	<1	<1
	4/19/2005	<1	BQL	<1	<1	<1	<5	**10.1**	BQL	BQL	0.43J	<1
	7/26/2005	<1	BQL	<1	<1	<1	<5	0.32J	BQL	BQL	<1	<1
	10/18/2005	<1	BQL	<1	<1	<1	<5	0.51J	0.57J	BQL	<1	<1
	1/26/2006	<1	BQL	<1	<1	<1	<5	0.4J	0.57J	0.24J	<1	<1
	4/25/2006	<5	BQL	<5	<5	<5	<5	<5	<5	<5	<5	<5
	7/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	10/25/2006	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL
	1/3/2007	BQL	BQL	BQL	BQL	BQL	BQL	**5.6**	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	BQL	BQL	BQL	BQL	**7.35**	BQL	0.21	BQL	BQL
	7/26/2007	BQL	**.29J**	BQL	**.71J**	BQL	BQL	**28.2**	BQL	BQL	**.97J**	BQL
	10/30/2007	BQL	BQL	BQL	BQL	BQL	BQL	**10.9**	BQL	BQL	BQL	BQL
	1/16/2008	BQL	**.190J**	BQL	**.380J**	BQL	BQL	**23.5**	BQL	BQL	**0.55J**	BQL
	4/29/2008	BQL	0.27	BQL	0.37	BQL	BQL	**20.6**	BQL	BQL	0.69	BQL
NCGWQS		700		2.6	70	70	5	0.7	NE	NE	2.8	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)											
		Carbon Disulfide	Chloro-benzene	Chloro-Methane	Cis-1,2-DCE	Trans-1,2-DCE	Methylene Chloride	PCE	Toluene	1,2,4 Tri-methylbenzene	Iodomethane	TCE	1,1,2-TCA
OW-2i	11/4/1997	BQL	BQL	BQL	13	BQL	BQL	**260**	BQL	BQL	BQL	**9.2**	BQL
	3/31/1998	BQL	BQL	BQL	11	BQL	BQL	**280**	BQL	BQL	BQL	BQL	BQL
	7/15/1998	BQL	BQL	BQL	14	BQL	BQL	**150**	BQL	BQL	BQL	**5.8**	BQL
	10/19/1998	BQL	BQL	BQL	23	BQL	BQL	**400**	BQL	BQL	BQL	**29**	BQL
	1/4/1999	BQL	BQL	BQL	26	BQL	BQL	**530**	BQL	BQL	BQL	**17**	BQL
	4/14/1999	BQL	BQL	BQL	66	BQL	BQL	**1,100**	BQL	BQL	BQL	**34**	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	BQL	**410**	BQL	BQL	BQL	BQL	BQL
	10/20/1999	BQL	BQL	BQL	BQL	BQL	BQL	**1,200**	BQL	BQL	BQL	BQL	BQL
	1/13/2000	BQL	BQL	BQL	BQL	BQL	BQL	**180**	BQL	BQL	BQL	BQL	BQL
	4/19/2000	BQL	BQL	BQL	BQL	BQL	BQL	**730**	BQL	BQL	BQL	BQL	BQL
	7/18/2000	BQL	BQL	BQL	10.7	BQL	BQL	**176**	BQL	BQL	BQL	**5.5**	BQL
	10/10/2000	BQL	BQL	BQL	BQL	BQL	BQL	**120**	BQL	BQL	BQL	BQL	BQL
	1/25/2001	BQL	BQL	BQL	BQL	BQL	BQL	**280**	BQL	BQL	BQL	BQL	BQL
	4/24/2001	BQL	BQL	BQL	BQL	BQL	BQL	**150**	BQL	BQL	BQL	BQL	BQL
	7/10/2001	BQL	BQL	BQL	6	BQL	BQL	**100**	BQL	BQL	BQL	BQL	BQL
	10/16/2001	BQL	BQL	BQL	8	BQL	BQL	**43**	BQL	BQL	BQL	**4**	BQL
	1/16/2002	BQL	BQL	BQL	30	BQL	BQL	**520**	BQL	BQL	BQL	BQL	BQL
	4/15/2002	BQL	BQL	BQL	29	BQL	BQL	**450**	BQL	BQL	BQL	BQL	BQL
	7/10/2002	BQL	BQL	BQL	4	BQL	BQL	**82**	BQL	BQL	BQL	BQL	BQL
	10/8/2002	BQL	BQL	BQL	5	BQL	BQL	**70**	BQL	BQL	BQL	**3**	BQL
NCGWQS		700	NE	2.6	70	70	5	0.7	NE	NE	NE	2.8	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)											
		Carbon Disulfide	Chloro-benzene	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	Toluene	1,2,4 Tri-methylbenzene	Iodomethane	TCE	1,1,2-TCA
OW-2i Cont.	1/15/2003	BQL	BQL	BQL	13	BQL	BQL	**210**	BQL	BQL	BQL	**7**	BQL
	4/9/2003	BQL	BQL	BQL	15	BQL	BQL	**240**	BQL	BQL	BQL	**7**	BQL
	7/16/2003	<5	BQL	<5	13	<5	<25	**230**	BQL	BQL	BQL	**7**	<5
	10/21/2003	<0.081	BQL	<0.03	5	<0.071	<0.097	**70**	BQL	BQL	BQL	<4	<0.3
	2/4/2004	<0.836	BQL	<2.29	5.4	<1.15	<0.879	**82.3**	BQL	BQL	BQL	<5	<1.16
	4/14/2004	<1.03	BQL	<1.41	<5	<1.15	<25	**102**	BQL	BQL	BQL	<5	<1.34
	7/19/2004	<1.03	BQL	<1.41	12.7	<1.15	<0.94	**104**	BQL	BQL	BQL	<5	<1.34
	10/25/2004	<1.03	BQL	<1.41	6.15	<1.15	<0.94	**101**	BQL	BQL	BQL	**3.75J**	<1.34
	1/4/2005	<5	BQL	<5	9.25	<5	<25	**161**	BQL	BQL	BQL	**5.05**	<5
	4/19/2005	1.4J	BQL	<5	5.45	<5	<25	**93.1**	BQL	BQL	BQL	3.35J	<5
	7/26/2005	<5	BQL	<5	11	<5	<25	**198**	BQL	BQL	BQL	**6.0**	<5
	10/17/2005	<5	BQL	<5	12.7	<5	1.55J	**147**	BQL	BQL	BQL	8	<5
	1/26/2006	<5	1.2J	<5	5.68	<5	0.92J	**113**	BQL	**2.4J**	**3.24J**	**3.56J**	<5
	4/25/2006	<5	<5	<5	<5	<5	<5	**230**	BQL	<5	<5	**6.2**	<5
	7/25/2006	BQL	BQL	BQL	16	BQL	BQL	**221**	BQL	BQL	BQL	BQL	BQL
	10/24/2006	BQL	BQL	BQL	B	BQL	BQL	**191**	BQL	BQL	BQL	BQL	BQL
	1/3/2007	BQL	BQL	BQL	6.5	BQL	BQL	**120**	BQL	BQL	**6**	BQL	BQL
	4/25/2007	BQL	BQL	**3**	12.8	1.16	BQL	**191**	BQL	BQL	**7.4**	BQL	BQL
	7/26/2007	BQL	BQL	BQL	**7.5**	BQL	**1.3J**	**125**	**.7J**	BQL	BQL	**4.05J**	BQL
	11/1/2007	BQL	BQL	BQL	**7.06**	BQL	BQL	**98.2**	BQL	BQL	BQL	**3.37**	BQL
	1/16/2008	BQL	BQL	BQL	**7.56**	BQL	BQL	**130**	BQL	BQL	BQL	**4.72**	BQL
	4/29/2008	BQL	BQL	BQL	17.1	BQL	BQL	**265**	BQL	BQL	BQL	**8.5**	BQL
NCGWQS		700	NE	2.6	70	70	5	0.7	NE	NE	NE	2.8	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)								
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4-Tri-methylbenzene	TCE	1,1,2-TCA
OW-1i	11/4/1997	BQL	BQL	BQL	BQL	BQL	**30**	BQL	BQL	BQL
	3/31/1998	BQL	BQL	6.6	BQL	BQL	**94**	BQL	BQL	BQL
	7/15/1998	BQL	BQL	14	BQL	5	**350**	BQL	**9.8**	BQL
	10/19/1998	BQL	BQL	31	BQL	BQL	**300**	BQL	**17**	BQL
	1/4/1999	BQL	BQL	9.4	BQL	BQL	**130**	BQL	**5.9**	BQL
	4/14/1999	BQL	BQL	9.4	BQL	BQL	**120**	BQL	BQL	BQL
	7/8/1999	BQL	BQL	BQL	BQL	BQL	**67**	BQL	BQL	BQL
	10/20/1999	BQL	BQL	4	BQL	BQL	**58**	BQL	BQL	BQL
	1/13/2000	BQL	BQL	6	BQL	BQL	**93**	BQL	BQL	BQL
	4/19/2000	BQL	BQL	4	BQL	BQL	**55**	BQL	BQL	BQL
	7/18/2000	BQL	BQL	5.7	BQL	BQL	**91.2**	BQL	**3.2**	BQL
	10/10/2000	BQL	BQL	6	BQL	BQL	**95**	BQL	BQL	BQL
	1/25/2001	BQL	BQL	BQL	BQL	BQL	**40**	BQL	BQL	BQL
	4/24/2001	BQL	BQL	BQL	BQL	BQL	**58**	BQL	BQL	BQL
	7/10/2001	BQL	BQL	BQL	BQL	BQL	**50**	BQL	BQL	BQL
	10/16/2001	BQL	BQL	5	BQL	BQL	**28**	BQL	2	BQL
	1/16/2002	BQL	BQL	7	BQL	BQL	**60**	BQL	**3**	BQL
	4/15/2002	BQL	BQL	4	BQL	BQL	**43**	BQL	**3**	BQL
	7/10/2002	BQL	BQL	3	BQL	BQL	**54**	BQL	BQL	BQL
	10/8/2002	BQL	BQL	1	BQL	BQL	**28**	BQL	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	2.8	NE

Notes:

BQL - Below Quanatative Liimits

NCGWQS - North Carolina Groundwater Quality Standard

NE- No Standard Established

Table 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER ASHEVILLE DYEING AND FINISHING FACILITY
SWANNANOA, NORTH CAROLINA
MSE JOB NO. 123

Well Number	Sample Date	ANALYTES (µg/L)									
		Carbon Disulfide	Chloro-Methane	Cis-1,2-DCE	Trans-1,2- DCE	Methylene Chloride	PCE	1,2,4-Tri-methylbenzene	TCE	Acetone	1,1,2-TCA
OW-1i Cont.	1/15/2003	BQL	BQL	2	BQL	BQL	**19**	BQL	BQL	BQL	BQL
	4/9/2003	BQL	BQL	2	BQL	BQL	**20**	BQL	BQL	BQL	BQL
	7/16/2003	<1	<1	2	<1	<5	**38**	BQL	2	BQL	<1
	10/21/2003	<0.081	<0.03	5	<0.071	<0.097	**58**	BQL	<4	BQL	<0.3
	2/4/2004	<0.167	<0.457	3.05	<0.230	<0.176	**43**	BQL	2.38	BQL	<0.231
	4/14/2004	<0.206	<0.282	2.62	<0.231	<0.189	**47.4**	BQL	1.93	BQL	<0.267
	7/19/2004	<0.206	<0.282	3.42	<0.23	<0.188	**41.8**	BQL	2.2	BQL	<0.267
	10/25/2004	<0.8	<1.13	6.64	<0.92	<0.75	**90.8**	BQL	**3.72J**	**BQL**	<1.0
	1/4/2005	<4	<4	2.00J	<4	<20	**29.7**	BQL	0.92J	BQL	<4
	4/19/2005	1.0J	<4	2.64J	<4	<20	**50.2**	BQL	1.96J	BQL	<4
	7/26/2005	<1	<1	2.12	<1	<5	**28.6**	BQL	1.26	BQL	<1
	10/17/2005	<4	<4	4.72	<4	<20	**54.6**	BQL	3.32J	BQL	<1
	1/26/2006	<4	<4	3.6J	<4	1.68J	**50.6**	**1.96J**	2.16J	BQL	<1
	4/25/2006	<5	<5	<5	<5	<5	**44**	<5	<5	BQL	<5
	7/25/2006	BQL	BQL	BQL	BQL	BQL	**28**	BQL	BQL	BQL	BQL
	10/24/2006	BQL	BQL	BQL	BQL	BQL	**30**	BQL	BQL	BQL	BQL
	1/3/2007	BQL	BQL	BQL	BQL	BQL	**33**	BQL	BQL	BQL	BQL
	4/25/2007	BQL	BQL	0.88	BQL	BQL	**14.3**	BQL	0.74	BQL	BQL
	7/26/2007	BQL	BQL	1.54	BQL	BQL	**28.8**	BQL	**1.44**	**BQL**	BQL
	11/1/2007	BQL	BQL	BQL	BQL	BQL	**23.9**	BQL	**0.99**	**BQL**	BQL
	1/16/2008	BQL	BQL	1.08	BQL	BQL	**26.6**	BQL	**1.1**	**3.47J**	BQL
	4/29/2008	BQL	BQL	1.36	BQL	BQL	**14**	BQL	1.24	BQL	BQL
NCGWQS		700	2.6	70	70	5	0.7	NE	2.8	NE	NE

Notes:
BQL - Below Quanatative Liimits
NCGWQS - North Carolina Groundwater Quality Standard
NE- No Standard Established

APPENDICES

MINERAL SPRINGS
environmental, p.c.

Kirk Pollard
Mineral Springs
4600 Mineral Springs Lane
Raleigh, NC 27616

Report Number: G563-161

Client Project: AD&F

Dear Kirk Pollard,

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 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 Environmental Services 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 Project Manager
Lori Lockamy

Date 1/29/08

APPENDIX A

GROUNDWATER LABORATORY ANALYTICAL RESULTS
AND CHAIN-OF-CUSTODY

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 8260B

Client Sample ID: MW-4s
Client Project ID: AD&F
Lab Sample ID: G563-161-1A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 16:10
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-4s
Client Project ID: AD&F
Lab Sample ID: G563-161-1A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 16:10
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**1.45**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.79	98
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10	100

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-4i
Client Project ID: AD&F
Lab Sample ID: G563-161-2A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 15:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-4i
Client Project ID: AD&F
Lab Sample ID: G563-161-2A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 15:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**16.2**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.72	97
Toluene-d8	10	10	100
4-Bromofluorobenzene	10	9.7	97

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5s
Client Project ID: AD&F
Lab Sample ID: G563-161-3A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 14:20
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	**0.330**	1.00	0.0350	1	1/22/2008	J
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5i
Client Project ID: AD&F
Lab Sample ID: G563-161-4A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 13:55
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**26.1**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	**4.08**	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.93	99
Toluene-d8	10	9.98	100
4-Bromofluorobenzene	10	9.99	100

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6s
Client Project ID: AD&F
Lab Sample ID: G563-161-5A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 12:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	250	10.9	10	1/22/2008	
Benzene	BQL	10.0	0.800	10	1/22/2008	
Bromobenzene	BQL	10.0	1.43	10	1/22/2008	
Bromochloromethane	BQL	10.0	2.61	10	1/22/2008	
Bromodichloromethane	BQL	10.0	1.46	10	1/22/2008	
Bromoform	BQL	10.0	2.75	10	1/22/2008	
Bromomethane	BQL	10.0	2.61	10	1/22/2008	
2-Butanone	BQL	250	15.3	10	1/22/2008	
n-Butylbenzene	BQL	10.0	1.05	10	1/22/2008	
sec-Butylbenzene	BQL	10.0	1.17	10	1/22/2008	
tert-Butylbenzene	BQL	10.0	1.28	10	1/22/2008	
Carbon disulfide	BQL	10.0	0.630	10	1/22/2008	
Carbon tetrachloride	BQL	10.0	1.02	10	1/22/2008	
Chlorobenzene	BQL	10.0	0.720	10	1/22/2008	
Chloroethane	BQL	10.0	5.68	10	1/22/2008	
Chloroform	BQL	10.0	1.21	10	1/22/2008	
Chloromethane	BQL	10.0	2.06	10	1/22/2008	
2-Chlorotoluene	BQL	10.0	1.10	10	1/22/2008	
4-Chlorotoluene	BQL	10.0	1.07	10	1/22/2008	
Dibromochloromethane	BQL	10.0	1.24	10	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	50.0	9.00	10	1/22/2008	
Dibromomethane	BQL	10.0	1.99	10	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	10.0	1.20	10	1/22/2008	
1,2-Dichlorobenzene	BQL	10.0	1.16	10	1/22/2008	
1,3-Dichlorobenzene	BQL	10.0	1.73	10	1/22/2008	
1,4-Dichlorobenzene	BQL	10.0	1.57	10	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	50.0	7.90	10	1/22/2008	
1,1-Dichloroethane	BQL	10.0	0.880	10	1/22/2008	
1,1-Dichloroethene	BQL	10.0	2.04	10	1/22/2008	
1,2-Dichloroethane	BQL	10.0	1.32	10	1/22/2008	
cis-1,2-Dichloroethene	**25.6**	10.0	0.350	10	1/22/2008	
trans-1,2-dichloroethene	BQL	10.0	1.58	10	1/22/2008	
1,2-Dichloropropane	BQL	10.0	0.960	10	1/22/2008	
1,3-Dichloropropane	BQL	10.0	1.62	10	1/22/2008	
2,2-Dichloropropane	BQL	10.0	1.81	10	1/22/2008	
1,1-Dichloropropene	BQL	10.0	1.21	10	1/22/2008	
cis-1,3-Dichloropropene	BQL	10.0	1.21	10	1/22/2008	
trans-1,3-Dichloropropene	BQL	10.0	1.09	10	1/22/2008	
Dichlorodifluoromethane	BQL	50.0	2.54	10	1/22/2008	
Diisopropyl ether (DIPE)	BQL	10.0	0.850	10	1/22/2008	
Ethylbenzene	BQL	10.0	1.11	10	1/22/2008	
Hexachlorobutadiene	BQL	10.0	2.29	10	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6s
Client Project ID: AD&F
Lab Sample ID: G563-161-5A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 12:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	50.0	8.70	10	1/22/2008	
Iodomethane	BQL	10.0	0.790	10	1/22/2008	
Isopropylbenzene	BQL	10.0	1.27	10	1/22/2008	
4-Isopropyltoluene	BQL	10.0	1.24	10	1/22/2008	
Methylene chloride	BQL	50.0	1.99	10	1/22/2008	
4-Methyl-2-pentanone	BQL	50.0	10.4	10	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	10.0	1.38	10	1/22/2008	
Naphthalene	BQL	10.0	1.73	10	1/22/2008	
n-Propyl benzene	BQL	10.0	1.20	10	1/22/2008	
Styrene	BQL	10.0	1.09	10	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	10.0	1.25	10	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	10.0	1.87	10	1/22/2008	
Tetrachloroethene	**203**	10.0	1.12	10	1/22/2008	
Toluene	BQL	10.0	0.910	10	1/22/2008	
1,2,3-Trichlorobenzene	BQL	10.0	1.76	10	1/22/2008	
1,2,4-Trichlorobenzene	BQL	10.0	0.720	10	1/22/2008	
Trichloroethene	**8.30**	10.0	0.870	10	1/22/2008	J
1,1,1-Trichloroethane	BQL	10.0	1.11	10	1/22/2008	
1,1,2-Trichloroethane	BQL	10.0	1.75	10	1/22/2008	
Trichlorofluoromethane	BQL	10.0	2.47	10	1/22/2008	
1,2,3-Trichloropropane	BQL	10.0	2.03	10	1/22/2008	
1,2,4-Trimethylbenzene	BQL	10.0	1.21	10	1/22/2008	
1,3,5-Trimethylbenzene	BQL	10.0	1.06	10	1/22/2008	
Vinyl chloride	BQL	10.0	3.05	10	1/22/2008	
m-,p-Xylene	BQL	20.0	2.15	10	1/22/2008	
o-Xylene	BQL	10.0	1.10	10	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.79	98
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10.4	104

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6i
Client Project ID: AD&F
Lab Sample ID: G563-161-6A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/15/2008 12:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	4.36	4	1/22/2008	
Benzene	BQL	4.00	0.320	4	1/22/2008	
Bromobenzene	BQL	4.00	0.572	4	1/22/2008	
Bromochloromethane	BQL	4.00	1.04	4	1/22/2008	
Bromodichloromethane	BQL	4.00	0.584	4	1/22/2008	
Bromoform	BQL	4.00	1.10	4	1/22/2008	
Bromomethane	BQL	4.00	1.04	4	1/22/2008	
2-Butanone	BQL	100	6.12	4	1/22/2008	
n-Butylbenzene	BQL	4.00	0.420	4	1/22/2008	
sec-Butylbenzene	BQL	4.00	0.468	4	1/22/2008	
tert-Butylbenzene	BQL	4.00	0.512	4	1/22/2008	
Carbon disulfide	BQL	4.00	0.252	4	1/22/2008	
Carbon tetrachloride	BQL	4.00	0.408	4	1/22/2008	
Chlorobenzene	BQL	4.00	0.288	4	1/22/2008	
Chloroethane	BQL	4.00	2.27	4	1/22/2008	
Chloroform	BQL	4.00	0.484	4	1/22/2008	
Chloromethane	BQL	4.00	0.824	4	1/22/2008	
2-Chlorotoluene	BQL	4.00	0.440	4	1/22/2008	
4-Chlorotoluene	BQL	4.00	0.428	4	1/22/2008	
Dibromochloromethane	BQL	4.00	0.496	4	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	20.0	3.60	4	1/22/2008	
Dibromomethane	BQL	4.00	0.796	4	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	4.00	0.480	4	1/22/2008	
1,2-Dichlorobenzene	BQL	4.00	0.464	4	1/22/2008	
1,3-Dichlorobenzene	BQL	4.00	0.692	4	1/22/2008	
1,4-Dichlorobenzene	BQL	4.00	0.628	4	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	20.0	3.16	4	1/22/2008	
1,1-Dichloroethane	BQL	4.00	0.352	4	1/22/2008	
1,1-Dichloroethene	BQL	4.00	0.816	4	1/22/2008	
1,2-Dichloroethane	BQL	4.00	0.528	4	1/22/2008	
cis-1,2-Dichloroethene	**3.72**	4.00	0.140	4	1/22/2008	J
trans-1,2-dichloroethene	BQL	4.00	0.632	4	1/22/2008	
1,2-Dichloropropane	BQL	4.00	0.384	4	1/22/2008	
1,3-Dichloropropane	BQL	4.00	0.648	4	1/22/2008	
2,2-Dichloropropane	BQL	4.00	0.724	4	1/22/2008	
1,1-Dichloropropene	BQL	4.00	0.484	4	1/22/2008	
cis-1,3-Dichloropropene	BQL	4.00	0.484	4	1/22/2008	
trans-1,3-Dichloropropene	BQL	4.00	0.436	4	1/22/2008	
Dichlorodifluoromethane	BQL	20.0	1.02	4	1/22/2008	
Diisopropyl ether (DIPE)	BQL	4.00	0.340	4	1/22/2008	
Ethylbenzene	BQL	4.00	0.444	4	1/22/2008	
Hexachlorobutadiene	BQL	4.00	0.916	4	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6i
Client Project ID: AD&F
Lab Sample ID: G563-161-6A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/15/2008 12:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	20.0	3.48	4	1/22/2008	
Iodomethane	BQL	4.00	0.316	4	1/22/2008	
Isopropylbenzene	BQL	4.00	0.508	4	1/22/2008	
4-Isopropyltoluene	BQL	4.00	0.496	4	1/22/2008	
Methylene chloride	**1.20**	20.0	0.796	4	1/22/2008	J
4-Methyl-2-pentanone	BQL	20.0	4.16	4	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	4.00	0.552	4	1/22/2008	
Naphthalene	BQL	4.00	0.692	4	1/22/2008	
n-Propyl benzene	BQL	4.00	0.480	4	1/22/2008	
Styrene	BQL	4.00	0.436	4	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	4.00	0.500	4	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	4.00	0.748	4	1/22/2008	
Tetrachloroethene	**50.2**	4.00	0.448	4	1/22/2008	
Toluene	BQL	4.00	0.364	4	1/22/2008	
1,2,3-Trichlorobenzene	BQL	4.00	0.704	4	1/22/2008	
1,2,4-Trichlorobenzene	BQL	4.00	0.288	4	1/22/2008	
Trichloroethene	**4.56**	4.00	0.348	4	1/22/2008	
1,1,1-Trichloroethane	BQL	4.00	0.444	4	1/22/2008	
1,1,2-Trichloroethane	BQL	4.00	0.700	4	1/22/2008	
Trichlorofluoromethane	BQL	4.00	0.988	4	1/22/2008	
1,2,3-Trichloropropane	BQL	4.00	0.812	4	1/22/2008	
1,2,4-Trimethylbenzene	BQL	4.00	0.484	4	1/22/2008	
1,3,5-Trimethylbenzene	BQL	4.00	0.424	4	1/22/2008	
Vinyl chloride	BQL	4.00	1.22	4	1/22/2008	
m-,p-Xylene	BQL	8.00	0.860	4	1/22/2008	
o-Xylene	BQL	4.00	0.440	4	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.76	98
Toluene-d8	10	9.96	100
4-Bromofluorobenzene	10	10.6	106

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-7
Client Project ID: AD&F
Lab Sample ID: G563-161-7A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 16:40
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-7
Client Project ID: AD&F
Lab Sample ID: G563-161-7A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 16:40
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**6.20**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.72	97
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10.2	102

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-11i
Client Project ID: AD&F
Lab Sample ID: G563-161-8A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 13:10
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	250	10.9	10	1/22/2008	
Benzene	BQL	10.0	0.800	10	1/22/2008	
Bromobenzene	BQL	10.0	1.43	10	1/22/2008	
Bromochloromethane	BQL	10.0	2.61	10	1/22/2008	
Bromodichloromethane	BQL	10.0	1.46	10	1/22/2008	
Bromoform	BQL	10.0	2.75	10	1/22/2008	
Bromomethane	BQL	10.0	2.61	10	1/22/2008	
2-Butanone	BQL	250	15.3	10	1/22/2008	
n-Butylbenzene	BQL	10.0	1.05	10	1/22/2008	
sec-Butylbenzene	BQL	10.0	1.17	10	1/22/2008	
tert-Butylbenzene	BQL	10.0	1.28	10	1/22/2008	
Carbon disulfide	BQL	10.0	0.630	10	1/22/2008	
Carbon tetrachloride	BQL	10.0	1.02	10	1/22/2008	
Chlorobenzene	BQL	10.0	0.720	10	1/22/2008	
Chloroethane	BQL	10.0	5.68	10	1/22/2008	
Chloroform	BQL	10.0	1.21	10	1/22/2008	
Chloromethane	BQL	10.0	2.06	10	1/22/2008	
2-Chlorotoluene	BQL	10.0	1.10	10	1/22/2008	
4-Chlorotoluene	BQL	10.0	1.07	10	1/22/2008	
Dibromochloromethane	BQL	10.0	1.24	10	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	50.0	9.00	10	1/22/2008	
Dibromomethane	BQL	10.0	1.99	10	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	10.0	1.20	10	1/22/2008	
1,2-Dichlorobenzene	BQL	10.0	1.16	10	1/22/2008	
1,3-Dichlorobenzene	BQL	10.0	1.73	10	1/22/2008	
1,4-Dichlorobenzene	BQL	10.0	1.57	10	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	50.0	7.90	10	1/22/2008	
1,1-Dichloroethane	BQL	10.0	0.880	10	1/22/2008	
1,1-Dichloroethene	BQL	10.0	2.04	10	1/22/2008	
1,2-Dichloroethane	BQL	10.0	1.32	10	1/22/2008	
cis-1,2-Dichloroethene	**36.9**	10.0	0.350	10	1/22/2008	
trans-1,2-dichloroethene	BQL	10.0	1.58	10	1/22/2008	
1,2-Dichloropropane	BQL	10.0	0.960	10	1/22/2008	
1,3-Dichloropropane	BQL	10.0	1.62	10	1/22/2008	
2,2-Dichloropropane	BQL	10.0	1.81	10	1/22/2008	
1,1-Dichloropropene	BQL	10.0	1.21	10	1/22/2008	
cis-1,3-Dichloropropene	BQL	10.0	1.21	10	1/22/2008	
trans-1,3-Dichloropropene	BQL	10.0	1.09	10	1/22/2008	
Dichlorodifluoromethane	BQL	50.0	2.54	10	1/22/2008	
Diisopropyl ether (DIPE)	BQL	10.0	0.850	10	1/22/2008	
Ethylbenzene	BQL	10.0	1.11	10	1/22/2008	
Hexachlorobutadiene	BQL	10.0	2.29	10	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-11i
Client Project ID: AD&F
Lab Sample ID: G563-161-8A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 13:10
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	50.0	8.70	10	1/22/2008	
Iodomethane	BQL	10.0	0.790	10	1/22/2008	
Isopropylbenzene	BQL	10.0	1.27	10	1/22/2008	
4-Isopropyltoluene	BQL	10.0	1.24	10	1/22/2008	
Methylene chloride	BQL	50.0	1.99	10	1/22/2008	
4-Methyl-2-pentanone	BQL	50.0	10.4	10	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	10.0	1.38	10	1/22/2008	
Naphthalene	BQL	10.0	1.73	10	1/22/2008	
n-Propyl benzene	BQL	10.0	1.20	10	1/22/2008	
Styrene	BQL	10.0	1.09	10	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	10.0	1.25	10	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	10.0	1.87	10	1/22/2008	
Tetrachloroethene	**235**	10.0	1.12	10	1/22/2008	
Toluene	BQL	10.0	0.910	10	1/22/2008	
1,2,3-Trichlorobenzene	BQL	10.0	1.76	10	1/22/2008	
1,2,4-Trichlorobenzene	BQL	10.0	0.720	10	1/22/2008	
Trichloroethene	**13.4**	10.0	0.870	10	1/22/2008	
1,1,1-Trichloroethane	BQL	10.0	1.11	10	1/22/2008	
1,1,2-Trichloroethane	BQL	10.0	1.75	10	1/22/2008	
Trichlorofluoromethane	BQL	10.0	2.47	10	1/22/2008	
1,2,3-Trichloropropane	BQL	10.0	2.03	10	1/22/2008	
1,2,4-Trimethylbenzene	BQL	10.0	1.21	10	1/22/2008	
1,3,5-Trimethylbenzene	BQL	10.0	1.06	10	1/22/2008	
Vinyl chloride	BQL	10.0	3.05	10	1/22/2008	
m-,p-Xylene	BQL	20.0	2.15	10	1/22/2008	
o-Xylene	BQL	10.0	1.10	10	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.81	98
Toluene-d8	10	9.99	100
4-Bromofluorobenzene	10	10.7	106

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-15s
Client Project ID: AD&F
Lab Sample ID: G563-161-9A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/16/2008 7:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	**0.190**	1.00	0.121	1	1/22/2008	J
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	**0.380**	1.00	0.0350	1	1/22/2008	J
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-15s
Client Project ID: AD&F
Lab Sample ID: G563-161-9A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/16/2008 7:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**23.5**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	**0.550**	1.00	0.0870	1	1/22/2008	J
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.91	99
Toluene-d8	10	9.8	98
4-Bromofluorobenzene	10	10.4	104

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

Reviewed By:

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-1i
Client Project ID: AD&F
Lab Sample ID: G563-161-10A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/16/2008 13:15
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**3.47**	25.0	1.09	1	1/22/2008	J
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	**1.08**	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-1i
Client Project ID: AD&F
Lab Sample ID: G563-161-10A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/16/2008 13:15
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**26.6**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	**1.10**	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	9.96	100
4-Bromofluorobenzene	10	10.4	104

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5s
Client Project ID: AD&F
Lab Sample ID: G563-161-3A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 14:20
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	**0.260**	5.00	0.199	1	1/22/2008	J
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**6.80**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	**0.920**	1.00	0.0870	1	1/22/2008	J
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.9	99

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5i
Client Project ID: AD&F
Lab Sample ID: G563-161-4A
Lab Project ID: G563-161

Analyzed By: CLP
Date Collected: 1/15/2008 13:55
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	**3.96**	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-2i
Client Project ID: AD&F
Lab Sample ID: G563-161-11A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/16/2008 7:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	4.36	4	1/22/2008	
Benzene	BQL	4.00	0.320	4	1/22/2008	
Bromobenzene	BQL	4.00	0.572	4	1/22/2008	
Bromochloromethane	BQL	4.00	1.04	4	1/22/2008	
Bromodichloromethane	BQL	4.00	0.584	4	1/22/2008	
Bromoform	BQL	4.00	1.10	4	1/22/2008	
Bromomethane	BQL	4.00	1.04	4	1/22/2008	
2-Butanone	BQL	100	6.12	4	1/22/2008	
n-Butylbenzene	BQL	4.00	0.420	4	1/22/2008	
sec-Butylbenzene	BQL	4.00	0.468	4	1/22/2008	
tert-Butylbenzene	BQL	4.00	0.512	4	1/22/2008	
Carbon disulfide	BQL	4.00	0.252	4	1/22/2008	
Carbon tetrachloride	BQL	4.00	0.408	4	1/22/2008	
Chlorobenzene	BQL	4.00	0.288	4	1/22/2008	
Chloroethane	BQL	4.00	2.27	4	1/22/2008	
Chloroform	BQL	4.00	0.484	4	1/22/2008	
Chloromethane	BQL	4.00	0.824	4	1/22/2008	
2-Chlorotoluene	BQL	4.00	0.440	4	1/22/2008	
4-Chlorotoluene	BQL	4.00	0.428	4	1/22/2008	
Dibromochloromethane	BQL	4.00	0.496	4	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	20.0	3.60	4	1/22/2008	
Dibromomethane	BQL	4.00	0.796	4	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	4.00	0.480	4	1/22/2008	
1,2-Dichlorobenzene	BQL	4.00	0.464	4	1/22/2008	
1,3-Dichlorobenzene	BQL	4.00	0.692	4	1/22/2008	
1,4-Dichlorobenzene	BQL	4.00	0.628	4	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	20.0	3.16	4	1/22/2008	
1,1-Dichloroethane	BQL	4.00	0.352	4	1/22/2008	
1,1-Dichloroethene	BQL	4.00	0.816	4	1/22/2008	
1,2-Dichloroethane	BQL	4.00	0.528	4	1/22/2008	
cis-1,2-Dichloroethene	**7.56**	4.00	0.140	4	1/22/2008	
trans-1,2-dichloroethene	BQL	4.00	0.632	4	1/22/2008	
1,2-Dichloropropane	BQL	4.00	0.384	4	1/22/2008	
1,3-Dichloropropane	BQL	4.00	0.648	4	1/22/2008	
2,2-Dichloropropane	BQL	4.00	0.724	4	1/22/2008	
1,1-Dichloropropene	BQL	4.00	0.484	4	1/22/2008	
cis-1,3-Dichloropropene	BQL	4.00	0.484	4	1/22/2008	
trans-1,3-Dichloropropene	BQL	4.00	0.436	4	1/22/2008	
Dichlorodifluoromethane	BQL	20.0	1.02	4	1/22/2008	
Diisopropyl ether (DIPE)	BQL	4.00	0.340	4	1/22/2008	
Ethylbenzene	BQL	4.00	0.444	4	1/22/2008	
Hexachlorobutadiene	BQL	4.00	0.916	4	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-2i
Client Project ID: AD&F
Lab Sample ID: G563-161-11A
Lab Project ID: G563-161

Analyzed By: MJC
Date Collected: 1/16/2008 7:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	20.0	3.48	4	1/22/2008	
Iodomethane	BQL	4.00	0.316	4	1/22/2008	
Isopropylbenzene	BQL	4.00	0.508	4	1/22/2008	
4-Isopropyltoluene	BQL	4.00	0.496	4	1/22/2008	
Methylene chloride	BQL	20.0	0.796	4	1/22/2008	
4-Methyl-2-pentanone	BQL	20.0	4.16	4	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	4.00	0.552	4	1/22/2008	
Naphthalene	BQL	4.00	0.692	4	1/22/2008	
n-Propyl benzene	BQL	4.00	0.480	4	1/22/2008	
Styrene	BQL	4.00	0.436	4	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	4.00	0.500	4	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	4.00	0.748	4	1/22/2008	
Tetrachloroethene	**130**	4.00	0.448	4	1/22/2008	
Toluene	BQL	4.00	0.364	4	1/22/2008	
1,2,3-Trichlorobenzene	BQL	4.00	0.704	4	1/22/2008	
1,2,4-Trichlorobenzene	BQL	4.00	0.288	4	1/22/2008	
Trichloroethene	**4.72**	4.00	0.348	4	1/22/2008	
1,1,1-Trichloroethane	BQL	4.00	0.444	4	1/22/2008	
1,1,2-Trichloroethane	BQL	4.00	0.700	4	1/22/2008	
Trichlorofluoromethane	BQL	4.00	0.988	4	1/22/2008	
1,2,3-Trichloropropane	BQL	4.00	0.812	4	1/22/2008	
1,2,4-Trimethylbenzene	BQL	4.00	0.484	4	1/22/2008	
1,3,5-Trimethylbenzene	BQL	4.00	0.424	4	1/22/2008	
Vinyl chloride	BQL	4.00	1.22	4	1/22/2008	
m-,p-Xylene	BQL	8.00	0.860	4	1/22/2008	
o-Xylene	BQL	4.00	0.440	4	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.49	95
Toluene-d8	10	9.93	99
4-Bromofluorobenzene	10	10.7	107

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3012208B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3012208B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	BQL	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

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

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water Lab Sample ID: LCS3012208a

Sample wt/vol: 5.00 (mL) Lab File ID: 0122304.D

Level: (low/med) NA

% Moisture: not dec. NA Date Analyzed: 2008-01-22 10:28

GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1

Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC	#	QC LIMITS
67-64-1	acetone	25.0	25.2	101		23.5-141
107-02-8	acrolein	125	124	98.8		31.4-182
107-13-1	acrylonitrile	125	122	97.8		64.2-140
71-43-2	benzene	5.00	5.08	102		76.6-120
108-86-1	bromobenzene	5.00	4.91	98.2		75.0-122
74-97-5	bromochloromethane	5.00	5.37	107		74.8-127
75-27-4	bromodichloromethane	5.00	5.17	103		76.4-117
75-25-2	bromoform	5.00	5.17	103		62.4-127
74-83-9	bromomethane	5.00	5.57	111		34.2-166
78-93-3	2-butanone	25.0	25.7	103		44.9-126
104-51-8	n-butylbenzene	5.00	5.35	107		72.0-122
135-98-8	sec-butylbenzene	5.00	5.33	107		78.3-116
98-06-6	tert-butylbenzene	5.00	4.37	87.4		53.1-148
75-15-0	Carbon disulfide	5.00	5.19	104		69.0-118
56-23-5	carbon tetrachloride	5.00	5.55	111		71.7-124
108-90-7	chlorobenzene	5.00	4.96	99.2		75.5-116
75-00-3	chloroethane	5.00	5.32	106		78.2-138
110-75-8	2-chloroethyl vinyl ether	125	124	99.6		5.57-235
67-66-3	chloroform	5.00	5.18	104		80.6-117
74-87-3	chloromethane	5.00	5.60	112		72.6-127
95-49-8	2-chlorotoluene	5.00	5.13	103		81.4-117
106-43-4	4-chlorotoluene	5.00	5.25	105		82.1-116
124-48-1	dibromochloromethane	5.00	5.09	102		73.1-117
96-12-8	1,2-dibromo-3-chloropropane	25.0	25.4	102		58.0-133
106-93-4	1,2-dibromomethane	5.00	5.25	105		75.5-118
74-95-3	dibromomethane	5.00	5.19	104		77.3-124
95-50-1	1,2-dichlorobenzene	5.00	5.01	100		76.3-115
541-73-1	1,3-dichlorobenzene	5.00	5.12	102		79.1-114
106-46-7	1,4-dichlorobenzene	5.00	5.19	104		76.8-115
110-57-6	trans-1,4-Dichloro-2-butene	25.0	25.8	103		52.3-130
75-71-8	dichlorodifluoromethane	5.00	5.27	105		69.8-134
75-34-3	1,1-dichloroethane	5.00	5.21	104		78.0-120
107-06-2	1,2-dichloroethane	5.00	5.03	101		72.8-126
75-35-4	1,1-dichloroethene	5.00	5.26	105		74.6-121
156-59-2	cis-1,2-dichloroethene	5.00	4.96	99.2		78.0-121
156-60-5	trans-1,2-dichloroethene	5.00	5.04	101		60.7-144
78-87-5	1,2-dichloropropane	5.00	5.16	103		75.8-119
142-28-9	1,3-dichloropropane	5.00	5.08	102		78.5-113
594-20-7	2,2-dichloropropane	5.00	5.47	109		75.6-130
563-58-6	1,1-dichloropropene	5.00	5.09	102		79.7-117
10061-01-5	cis-1,3-dichloropropene	5.00	4.95	99.0		79.8-113

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water Lab Sample ID: LCS3012208a

Sample wt/vol: 5.00 (mL) Lab File ID: 0122304.D

Level: (low/med) NA

% Moisture: not dec. NA Date Analyzed: 2008-01-22 10:28

GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1

Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
10061-02-6	trans-1,3-dichloropropene	5.00	5.20	104	79.0-113
108-20-3	Diisopropyl ether	5.00	5.19	104	71.8-115
100-41-4	ethylbenzene	5.00	5.07	101	80.5-115
87-68-3	hexachlorobutadiene	5.00	5.33	107	63.3-139
591-78-6	2-hexanone	25.0	24.2	96.9	46.8-123
74-88-4	Iodomethane	5.00	5.19	104	29.3-156
98-82-8	isopropylbenzene	5.00	5.10	102	81.6-114
99-87-6	4-isopropyltoluene	5.00	5.32	106	78.4-119
1634-04-4	Methyl-tert-butyl ether	5.00	5.16	103	76.0-114
75-09-2	methylene chloride	5.00	5.06	102	72.9-120
108-10-1	4-methyl-2-pentanone	25.0	24.8	99.2	56.2-124
91-20-3	naphthalene	5.00	5.78	116	24.8-182
103-65-1	n-propyl benzene	5.00	5.20	104	79.0-116
100-42-5	styrene	5.00	5.16	103	64.8-132
630-20-6	1,1,1,2-tetrachloroethane	5.00	5.24	105	78.8-118
79-34-5	1,1,2,2-tetrachloroethane	5.00	5.13	103	69.7-119
127-18-4	tetrachloroethene	5.00	4.99	99.8	55.3-144
108-88-3	toluene	5.00	5.01	100	78.6-117
87-61-6	1,2,3-trichlorobenzene	5.00	5.63	113	20.8-193
120-82-1	1,2,4-trichlorobenzene	5.00	5.30	106	47.9-150
71-55-6	1,1,1-trichloroethane	5.00	5.16	103	78.8-120
79-00-5	1,1,2-trichloroethane	5.00	4.96	99.2	73.6-117
79-01-6	trichloroethene	5.00	5.11	102	80.1-116
75-69-4	trichlorofluoromethane	5.00	5.18	104	80.5-130
96-18-4	1,2,3-trichloropropane	5.00	5.05	101	35.6-152
95-36-3	1,2,4-trimethylbenzene	5.00	5.25	105	77.0-116
108-67-8	1,3,5-trimethylbenzene	5.00	5.14	103	79.4-114
108-05-4	Vinyl acetate	12.5	12.5	100	60.7-127
75-01-4	vinyl chloride	5.00	5.08	102	77.5-126
108-38-3	m/p-xylene	10.0	10.1	101	82.9-112
95-47-6	o-xylene	5.00	5.06	101	81.3-113

System Monitoring Compound Results

		Spike Added (µg/L)	Spike Result (µg/L)	Percent Rec. (%)	Percent Recovery (%)
460-00-4	4-Bromofluorobenzene	10	9.88	99.0	84.7 - 115
17060-07-0	1,2-Dichloroethane-d4	10	10.0	103	63.5 - 140
2037-26-5	Toluene-d8	10	9.80	98.0	81.8 - 117

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: G563-161-8a Dilution: 10

Filenames: 0122320.D, 0122322.D, 0122323.D

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	250	219	87.6*	250	245	97.9*	11.1	30	17.7-85.2
acrolein	BQL	1250	1150	92.2	1250	1180	94.6	2.63	30	0.00-424
acrylonitrile	BQL	1250	1180	94.2	1250	1180	94.8	0.660	30	85.0-175
benzene	BQL	50.0	47.7	95.4	50.0	49.3	98.6	3.30	30	61.6-135
bromobenzene	BQL	50.0	46.2	92.4	50.0	46.7	93.4	1.08	30	65.1-125
bromochloromethane	BQL	50.0	49.1	98.2	50.0	51.0	102	3.80	30	75.5-126
bromodichloromethane	BQL	50.0	49.2	98.4	50.0	50.6	101	2.80	30	74.3-123
bromoform	BQL	50.0	44.9	89.8	50.0	49.6	99.2	9.95	30	52.3-122
bromomethane	BQL	50.0	46.5	93.0	50.0	46.6	93.2	0.215	30	10.0-284
2-butanone	BQL	250	230	91.8	250	241	96.4	4.93	30	36.1-107
n-butylbenzene	BQL	50.0	47.3	94.6	50.0	47.2	94.4	0.212	30	70.2-124
sec-butylbenzene	BQL	50.0	48.4	96.8	50.0	48.1	96.2	0.622	30	62.0-133
tert-butylbenzene	BQL	50.0	43.0	86.0	50.0	44.3	88.6	2.98	30	73.5-121
Carbon disulfide	BQL	50.0	47.9	95.8	50.0	48.2	96.4	0.624	30	68.8-129
carbon tetrachloride	BQL	50.0	51.4	103	50.0	54.4	109	5.67	30	71.8-122
chlorobenzene	BQL	50.0	45.4	90.8	50.0	47.9	95.8	5.36	30	77.2-118
chloroethane	BQL	50.0	50.7	101	50.0	52.9	106	4.25	30	10.0-233
2-chloroethyl vinyl ether	BQL	125	0.00	0.00*	125	0.00	0.00*	--	30	16.7-283
chloroform	BQL	50.0	49.0	98.0	50.0	50.4	101	2.82	30	74.0-128
chloromethane	BQL	50.0	48.3	96.6	50.0	50.8	102	5.04	30	72.0-138
2-chlorotoluene	BQL	50.0	47.6	95.2	50.0	47.8	95.6	0.419	30	79.3-118
4-chlorotoluene	BQL	50.0	47.8	95.6	50.0	47.5	95.0	0.630	30	76.8-120
dibromochloromethane	BQL	50.0	43.2	86.4	50.0	47.9	95.8	10.3	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	250	234	93.5	250	229	91.5	2.20	30	20.2-171
1,2-dibromomethane	BQL	50.0	45.5	91.0	50.0	48.2	96.4	5.76	30	78.5-123
dibromomethane	BQL	50.0	47.8	95.6	50.0	47.5	95.0	0.630	30	71.3-137
1,2-dichlorobenzene	BQL	50.0	47.8	95.6	50.0	47.0	94.0	1.69	30	75.1-120
1,3-dichlorobenzene	BQL	50.0	48.3	96.6	50.0	48.0	96.0	0.623	30	73.1-121
1,4-dichlorobenzene	BQL	50.0	46.7	93.4	50.0	47.1	94.2	0.853	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	250	224	89.4	250	235	93.9	4.84	30	25.7-149
dichlorodifluoromethane	BQL	50.0	53.2	106	50.0	54.1	108	1.68	30	41.7-166
1,1-dichloroethane	BQL	50.0	49.3	98.6	50.0	49.1	98.2	0.406	30	75.6-128
1,2-dichloroethane	BQL	50.0	49.1	98.2	50.0	50.4	101	2.61	30	71.1-127
1,1-dichloroethene	BQL	50.0	47.6	95.2	50.0	48.9	97.8	2.69	30	64.4-130
cis-1,2-dichloroethene	36.9	50.0	50.0	100	50.0	50.4	101	0.797	30	72.7-134
trans-1,2-dichloroethene	BQL	50.0	47.6	95.2	50.0	51.1	102	7.09	30	74.6-124
1,2-dichloropropane	BQL	50.0	49.1	98.2	50.0	50.7	101	3.21	30	76.5-129
1,3-dichloropropane	BQL	50.0	42.4	84.8	50.0	48.6	97.2	13.6	30	79.1-121
2,2-dichloropropane	BQL	50.0	46.7	93.4	50.0	47.0	94.0	0.640	30	31.5-157
1,1-dichloropropene	BQL	50.0	48.9	97.8	50.0	51.1	102	4.40	30	72.5-120
cis-1,3-dichloropropene	BQL	50.0	43.8	87.6	50.0	48.7	97.4	10.6	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: G563-161-8a

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	50.0	45.0	90.0	50.0	48.8	97.6	8.10	30	44.7-144
Diisopropyl ether	BQL	50.0	46.2	92.4	50.0	49.0	98.0	5.88	30	79.4-122
ethylbenzene	BQL	50.0	47.0	94.0	50.0	47.8	95.6	1.69	30	73.8-126
hexachlorobutadiene	BQL	50.0	54.5	109	50.0	46.2	92.4	16.5	30	51.8-134
2-hexanone	BQL	250	214	85.6	250	219	87.8	2.44	30	41.6-111
Iodomethane	BQL	50.0	48.2	96.4	50.0	51.7	103	7.01	30	40.6-126
isopropylbenzene	BQL	50.0	47.5	95.0	50.0	48.4	96.8	1.88	30	74.3-123
4-isopropyltoluene	BQL	50.0	48.4	96.8	50.0	49.0	98.0	1.23	30	74.6-122
Methyl-tert-butyl ether	BQL	50.0	45.8	91.6	50.0	49.3	98.6	7.36	30	66.5-136
methylene chloride	BQL	50.0	46.9	93.8	50.0	51.3	103	8.96	30	48.6-155
4-methyl-2-pentanone	BQL	250	223	89.2	250	232	92.7	3.78	30	6.88-166
naphthalene	BQL	50.0	47.4	94.8	50.0	48.7	97.4	2.70	30	55.1-140
n-propyl benzene	BQL	50.0	47.3	94.6	50.0	48.2	96.4	1.88	30	71.6-128
styrene	BQL	50.0	47.0	94.0	50.0	48.3	96.6	2.73	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	50.0	48.6	97.2	50.0	50.3	101	3.44	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	50.0	45.6	91.2	50.0	45.9	91.8	0.656	30	75.7-136
tetrachloroethene	235	50.0	19.3	38.6*	50.0	19.3	38.6*	0.00	30	45.8-153
toluene	BQL	50.0	48.5	97.0	50.0	48.5	97.0	0.00	30	66.4-128
1,2,3-trichlorobenzene	BQL	50.0	45.6	91.2	50.0	45.6	91.2	0.00	30	61.0-126
1,2,4-trichlorobenzene	BQL	50.0	47.4	94.8	50.0	46.6	93.2	1.70	30	60.6-125
1,1,1-trichloroethane	BQL	50.0	49.3	98.6	50.0	51.8	104	4.94	30	78.4-121
1,1,2-trichloroethane	BQL	50.0	40.6	81.2	50.0	40.3	80.6	0.742	30	64.8-128
trichloroethene	13.4	50.0	51.2	102	50.0	52.5	105	2.51	30	84.9-136
trichlorofluoromethane	BQL	50.0	53.8	108	50.0	54.2	108	0.741	30	76.8-132
1,2,3-trichloropropane	BQL	50.0	43.0	86.0	50.0	46.0	92.0	6.74	30	10.0-218
1,2,4-trimethylbenzene	BQL	50.0	49.5	99.0	50.0	49.3	98.6	0.405	30	31.0-172
1,3,5-trimethylbenzene	BQL	50.0	48.4	96.8	50.0	48.4	96.8	0.00	30	67.7-132
Vinyl acetate	BQL	125	112	89.7	125	117	93.6	4.28	30	0.00-355
vinyl chloride	BQL	50.0	47.4	94.8	50.0	50.6	101	6.53	30	68.1-137
m/p-xylene	BQL	100	94.3	94.3	100	95.9	95.9	1.68	30	79.8-118
o-xylene	BQL	50.0	47.3	94.6	50.0	47.6	95.2	0.632	30	80.0-121

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 1 failure(s) out of 72. MSD Spike Recovery: 1 failure(s) out of 72.

RPD: 1 out of 72 outside of limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK9012208B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK9012208B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	BQL	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	**0.300**	1.00	0.0720	1	1/22/2008	J
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.68	97
Toluene-d8	10	9.82	98
4-Bromofluorobenzene	10	10.5	105

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water Lab Sample ID: LCS9012208a

Sample wt/vol: 5.00 (mL) Lab File ID: 0122905.D

Level: (low/med) NA

% Moisture: not dec. NA Date Analyzed: 2008-01-22 10:57

GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1

Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC	#	QC LIMITS
67-64-1	acetone	25.0	21.7	87.0		23.5-141
107-02-8	acrolein	125	117	93.7		31.4-182
107-13-1	acrylonitrile	125	128	102		64.2-140
71-43-2	benzene	5.00	4.62	92.4		76.6-120
108-86-1	bromobenzene	5.00	4.98	99.6		75.0-122
74-97-5	bromochloromethane	5.00	4.65	93.0		74.8-127
75-27-4	bromodichloromethane	5.00	4.73	94.6		76.4-117
75-25-2	bromoform	5.00	4.90	98.0		62.4-127
74-83-9	bromomethane	5.00	4.97	99.4		34.2-166
78-93-3	2-butanone	25.0	24.0	96.0		44.9-126
104-51-8	n-butylbenzene	5.00	4.97	99.4		72.0-122
135-98-8	sec-butylbenzene	5.00	5.08	102		78.3-116
98-06-6	tert-butylbenzene	5.00	5.06	101		53.1-148
75-15-0	Carbon disulfide	5.00	4.44	88.8		69.0-118
56-23-5	carbon tetrachloride	5.00	4.73	94.6		71.7-124
108-90-7	chlorobenzene	5.00	4.84	96.8		75.5-116
75-00-3	chloroethane	5.00	5.03	101		78.2-138
110-75-8	2-chloroethyl vinyl ether	125	151	121		5.57-235
67-66-3	chloroform	5.00	4.68	93.6		80.6-117
74-87-3	chloromethane	5.00	4.87	97.4		72.6-127
95-49-8	2-chlorotoluene	5.00	4.77	95.4		81.4-117
106-43-4	4-chlorotoluene	5.00	4.87	97.4		82.1-116
124-48-1	dibromochloromethane	5.00	4.86	97.2		73.1-117
96-12-8	1,2-dibromo-3-chloropropane	25.0	23.7	94.9		58.0-133
106-93-4	1,2-dibromomethane	5.00	4.95	99.0		75.5-118
74-95-3	dibromomethane	5.00	4.84	96.8		77.3-124
95-50-1	1,2-dichlorobenzene	5.00	4.81	96.2		76.3-115
541-73-1	1,3-dichlorobenzene	5.00	4.76	95.2		79.1-114
106-46-7	1,4-dichlorobenzene	5.00	4.76	95.2		76.8-115
110-57-6	trans-1,4-Dichloro-2-butene	25.0	27.0	108		52.3-130
75-71-8	dichlorodifluoromethane	5.00	5.25	105		69.8-134
75-34-3	1,1-dichloroethane	5.00	4.54	90.8		78.0-120
107-06-2	1,2-dichloroethane	5.00	4.66	93.2		72.8-126
75-35-4	1,1-dichloroethene	5.00	4.41	88.2		74.6-121
156-59-2	cis-1,2-dichloroethene	5.00	4.96	99.2		78.0-121
156-60-5	trans-1,2-dichloroethene	5.00	4.70	94.0		60.7-144
78-87-5	1,2-dichloropropane	5.00	4.73	94.6		75.8-119
142-28-9	1,3-dichloropropane	5.00	4.87	97.4		78.5-113
594-20-7	2,2-dichloropropane	5.00	4.91	98.2		75.6-130
563-58-6	1,1-dichloropropene	5.00	4.94	98.8		79.7-117
10061-01-5	cis-1,3-dichloropropene	5.00	4.83	96.6		79.8-113

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water Lab Sample ID: LCS9012208a

Sample wt/vol: 5.00 (mL) Lab File ID: 0122905.D

Level: (low/med) NA

% Moisture: not dec. NA Date Analyzed: 2008-01-22 10:57

GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1

Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
10061-02-6	trans-1,3-dichloropropene	5.00	4.90	98.0	79.0-113
108-20-3	Diisopropyl ether	5.00	4.96	99.2	71.8-115
100-41-4	ethylbenzene	5.00	4.89	97.8	80.5-115
87-68-3	hexachlorobutadiene	5.00	5.22	104	63.3-139
591-78-6	2-hexanone	25.0	26.7	107	46.8-123
74-88-4	Iodomethane	5.00	5.81	116	29.3-156
98-82-8	isopropylbenzene	5.00	5.03	101	81.6-114
99-87-6	4-isopropyltoluene	5.00	5.29	106	78.4-119
1634-04-4	Methyl-tert-butyl ether	5.00	4.90	98.0	76.0-114
75-09-2	methylene chloride	5.00	4.47	89.4	72.9-120
108-10-1	4-methyl-2-pentanone	25.0	24.8	99.4	56.2-124
91-20-3	naphthalene	5.00	5.76	115	24.8-182
103-65-1	n-propyl benzene	5.00	4.88	97.6	79.0-116
100-42-5	styrene	5.00	4.93	98.6	64.8-132
630-20-6	1,1,1,2-tetrachloroethane	5.00	5.01	100	78.8-118
79-34-5	1,1,2,2-tetrachloroethane	5.00	4.91	98.2	69.7-119
127-18-4	tetrachloroethene	5.00	5.17	103	55.3-144
108-88-3	toluene	5.00	4.77	95.4	78.6-117
87-61-6	1,2,3-trichlorobenzene	5.00	5.61	112	20.8-193
120-82-1	1,2,4-trichlorobenzene	5.00	5.30	106	47.9-150
71-55-6	1,1,1-trichloroethane	5.00	4.89	97.8	78.8-120
79-00-5	1,1,2-trichloroethane	5.00	4.99	99.8	73.6-117
79-01-6	trichloroethene	5.00	4.79	95.8	80.1-116
75-69-4	trichlorofluoromethane	5.00	5.14	103	80.5-130
96-18-4	1,2,3-trichloropropane	5.00	5.18	104	35.6-152
95-36-3	1,2,4-trimethylbenzene	5.00	5.13	103	77.0-116
108-67-8	1,3,5-trimethylbenzene	5.00	5.04	101	79.4-114
108-05-4	Vinyl acetate	12.5	13.0	104	60.7-127
75-01-4	vinyl chloride	5.00	4.84	96.8	77.5-126
108-38-3	m/p-xylene	10.0	9.69	96.9	82.9-112
95-47-6	o-xylene	5.00	4.97	99.4	81.3-113

System Monitoring Compound Results		Spike Added (µg/L)	Spike Result (µg/L)	Percent Rec. (%)	Percent Recovery (%)
460-00-4	4-Bromofluorobenzene	10	10.0	106	84.7 - 115
17060-07-0	1,2-Dichloroethane-d4	10	9.91	99.0	63.5 - 140
2037-26-5	Toluene-d8	10	9.98	100	81.8 - 117

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: g563-161-6a Dilution: 4

Filenames: 0122918.D, 0122922.D, 0122923.D

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	100	86.8	86.8*	100	87.7	87.7*	1.05	30	17.7-85.2
acrolein	BQL	500	453	90.7	500	495	99.0	8.74	30	0.00-424
acrylonitrile	BQL	500	491	98.2	500	549	110	11.2	30	85.0-175
benzene	BQL	20.0	18.8	94.0	20.0	18.4	92.2	1.93	30	61.6-135
bromobenzene	BQL	20.0	19.3	96.4	20.0	19.3	96.6	0.207	30	65.1-125
bromochloromethane	BQL	20.0	18.6	93.0	20.0	18.6	93.0	0.00	30	75.5-126
bromodichloromethane	BQL	20.0	18.4	92.2	20.0	18.2	90.8	1.53	30	74.3-123
bromoform	BQL	20.0	17.9	89.6	20.0	17.7	88.4	1.35	30	52.3-122
bromomethane	BQL	20.0	24.3	122	20.0	26.2	131	7.29	30	10.0-284
2-butanone	BQL	100	92.1	92.1	100	90.8	90.8	1.44	30	36.1-107
n-butylbenzene	BQL	20.0	18.5	92.4	20.0	18.4	91.8	0.651	30	70.2-124
sec-butylbenzene	BQL	20.0	19.7	98.6	20.0	19.6	98.0	0.610	30	62.0-133
tert-butylbenzene	BQL	20.0	19.9	99.4	20.0	19.3	96.6	2.86	30	73.5-121
Carbon disulfide	BQL	20.0	17.7	88.4	20.0	17.3	86.4	2.29	30	68.8-129
carbon tetrachloride	BQL	20.0	18.9	94.6	20.0	18.1	90.4	4.54	30	71.8-122
chlorobenzene	BQL	20.0	19.1	95.6	20.0	18.8	93.8	1.90	30	77.2-118
chloroethane	BQL	20.0	21.3	106	20.0	23.5	117	9.83	30	10.0-233
2-chloroethyl vinyl ether	BQL	50.0	0.00	0.00*	50.0	0.00	0.00*	--	30	16.7-283
chloroform	BQL	20.0	19.0	95.0	20.0	18.5	92.6	2.56	30	74.0-128
chloromethane	BQL	20.0	19.3	96.6	20.0	22.0	110	13.0	30	72.0-138
2-chlorotoluene	BQL	20.0	19.0	95.2	20.0	18.8	94.2	1.06	30	79.3-118
4-chlorotoluene	BQL	20.0	18.8	93.8	20.0	18.5	92.6	1.29	30	76.8-120
dibromochloromethane	BQL	20.0	18.0	90.2	20.0	18.2	91.2	1.10	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	100	89.3	89.3	100	85.8	85.8	3.98	30	20.2-171
1,2-dibromomethane	BQL	20.0	19.5	97.4	20.0	18.9	94.6	2.92	30	78.5-123
dibromomethane	BQL	20.0	19.2	96.2	20.0	18.3	91.4	5.12	30	71.3-137
1,2-dichlorobenzene	BQL	20.0	18.6	92.8	20.0	18.1	90.4	2.62	30	75.1-120
1,3-dichlorobenzene	BQL	20.0	18.7	93.6	20.0	18.5	92.6	1.07	30	73.1-121
1,4-dichlorobenzene	BQL	20.0	19.2	96.0	20.0	17.7	88.4	8.24	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	100	97.6	97.6	100	94.5	94.5	3.21	30	25.7-149
dichlorodifluoromethane	BQL	20.0	20.9	104	20.0	23.0	115	9.49	30	41.7-166
1,1-dichloroethane	BQL	20.0	18.4	92.2	20.0	18.6	93.0	0.864	30	75.6-128
1,2-dichloroethane	BQL	20.0	19.1	95.6	20.0	18.7	93.6	2.11	30	71.1-127
1,1-dichloroethene	BQL	20.0	17.8	88.8	20.0	17.2	86.0	3.20	30	64.4-130
cis-1,2-dichloroethene	BQL	20.0	19.8	99.2	20.0	19.5	97.4	1.83	30	72.7-134
trans-1,2-dichloroethene	BQL	20.0	19.0	95.2	20.0	18.8	94.0	1.27	30	74.6-124
1,2-dichloropropane	BQL	20.0	19.1	95.4	20.0	18.8	94.2	1.26	30	76.5-129
1,3-dichloropropane	BQL	20.0	18.9	94.6	20.0	18.8	94.0	0.636	30	79.1-121
2,2-dichloropropane	BQL	20.0	18.4	91.8	20.0	18.0	90.2	1.76	30	31.5-157
1,1-dichloropropene	BQL	20.0	19.9	99.4	20.0	19.7	98.6	0.808	30	72.5-120
cis-1,3-dichloropropene	BQL	20.0	18.5	92.6	20.0	18.1	90.6	2.18	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: g563-161-6a

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	20.0	17.2	86.0	20.0	16.7	83.6	2.83	30	44.7-144
Diisopropyl ether	BQL	20.0	19.8	99.2	20.0	19.7	98.4	0.810	30	79.4-122
ethylbenzene	BQL	20.0	19.5	97.6	20.0	19.0	95.0	2.70	30	73.8-126
hexachlorobutadiene	BQL	20.0	18.1	90.6	20.0	18.8	94.0	3.68	30	51.8-134
2-hexanone	BQL	100	96.9	96.9	100	96.2	96.2	0.663	30	41.6-111
Iodomethane	BQL	20.0	18.5	92.6	20.0	20.4	102	9.86	30	40.6-126
isopropylbenzene	BQL	20.0	20.2	101	20.0	19.7	98.6	2.40	30	74.3-123
4-isopropyltoluene	BQL	20.0	20.0	100	20.0	19.8	99.0	1.00	30	74.6-122
Methyl-tert-butyl ether	BQL	20.0	18.9	94.4	20.0	18.4	92.0	2.58	30	66.5-136
methylene chloride	BQL	20.0	17.5	87.4	20.0	17.2	86.2	1.38	30	48.6-155
4-methyl-2-pentanone	BQL	100	94.7	94.7	100	92.5	92.5	2.31	30	6.88-166
naphthalene	BQL	20.0	17.4	87.0	20.0	18.4	91.8	5.37	30	55.1-140
n-propyl benzene	BQL	20.0	19.8	98.8	20.0	19.0	95.0	3.92	30	71.6-128
styrene	BQL	20.0	19.8	99.0	20.0	19.1	95.6	3.49	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	20.0	19.0	95.0	20.0	19.1	95.6	0.630	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	20.0	18.2	90.8	20.0	17.9	89.4	1.55	30	75.7-136
tetrachloroethene	50.2	20.0	17.4	87.0	20.0	17.0	85.0	2.32	30	45.8-153
toluene	BQL	20.0	19.4	97.2	20.0	18.9	94.6	2.71	30	66.4-128
1,2,3-trichlorobenzene	BQL	20.0	16.9	84.4	20.0	17.9	89.6	5.98	30	61.0-126
1,2,4-trichlorobenzene	BQL	20.0	17.5	87.4	20.0	17.6	87.8	0.457	30	60.6-125
1,1,1-trichloroethane	BQL	20.0	19.0	95.0	20.0	18.8	93.8	1.27	30	78.4-121
1,1,2-trichloroethane	BQL	20.0	17.4	86.8	20.0	16.9	84.4	2.80	30	64.8-128
trichloroethene	4.56	20.0	18.8	94.0	20.0	18.7	93.6	0.426	30	84.9-136
trichlorofluoromethane	BQL	20.0	20.4	102	20.0	22.0	110	7.73	30	76.8-132
1,2,3-trichloropropane	BQL	20.0	19.0	95.0	20.0	19.1	95.6	0.630	30	10.0-218
1,2,4-trimethylbenzene	BQL	20.0	19.8	99.0	20.0	19.5	97.4	1.63	30	31.0-172
1,3,5-trimethylbenzene	BQL	20.0	19.7	98.4	20.0	19.4	97.2	1.23	30	67.7-132
Vinyl acetate	BQL	50.0	49.7	99.4	50.0	49.2	98.3	1.13	30	0.00-355
vinyl chloride	BQL	20.0	19.3	96.4	20.0	20.8	104	7.78	30	68.1-137
m/p-xylene	BQL	40.0	39.6	98.9	40.0	38.5	96.2	2.77	30	79.8-118
o-xylene	BQL	20.0	19.9	99.6	20.0	19.4	97.0	2.64	30	80.0-121

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 0 failure(s) out of 72. MSD Spike Recovery: 0 failure(s) out of 72.

RPD: 1 out of 72 outside of limits

COMMENTS:

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

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

www.us.sgs.com

07640

SGS Reference: G563-161

PAGE 1 OF 2

(1)
CLIENT: Mineral Springs Enviro.
CONTACT: Kirk Pollard — PHONE NO: (919) 261 8186
PROJECT: ADEF — SITE/PWSID#:
REPORTS TO: K. Pollard — E-MAIL:
MSE — FAX NO.: (919) 261 8299
INVOICE TO: — QUOTE #
MSE — P.O. NUMBER

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCL; Analysis Required (3): 8260	REMARKS
	MW-4s	1-15-08	1610	H2O	3	G	3	analysis changed per K. Pollard 1/21/08
	MW-4i		1530					
	MW-5s		1420					
	MW-5i		1355					
	MW-6s		1230					
	MW-6i		1200					
	MW-7		1640					
	MW-11i		1310					
	MW-15s	1-16-08	700					
	OW-1i	1-16-08	1315					

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
Jimmy Hai			[signature]	1/17/08	13:11
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			[signature]	1/18/08	1700
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)
Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements:
Samples Received Cold? (Circle) YES NO
Temperature °C: ice 5.2°C
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
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us.sgs.com

0763

SGS

(1)

CLIENT: Minnral Springs Enviro
CONTACT: Kirk Pollard — PHONE NO: 919) 261 8186
PROJECT: AD&F — SITE/PWSID# :
REPORTS TO: K. Pollard MSE — E-MAIL:
FAX NO.: 919) 261 8299
INVOICE TO: MSE — QUOTE #
P.O. NUMBER

SGS Reference: G563-161

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used / Analysis Required (3)									REMARKS
							HCL									
							8260									
	OW-22	1-16-08	730	H20	3	G	3									

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
Jeremy Hess			C Christopher	1/17/08	13:11
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			[illegible]	1/18/08	1700
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements:
Special Instructions:

Samples Received Cold? (Circle) YES NO
Temperature °C: ave 5.2°C
Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

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

Kirk Pollard
Mineral Springs
4600 Mineral Springs Lane
Raleigh, NC 27616

Report Number: G563-162

Client Project: AD&F

Dear Kirk Pollard,

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 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 Environmental Services 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 Project Manager
Lori Lockamy

Date 1/29/08

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 8260B

Client Sample ID: MW-2s
Client Project ID: AD&F
Lab Sample ID: G563-162-1A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 10:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**3.28**	25.0	1.09	1	1/22/2008	J
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-2s
Client Project ID: AD&F
Lab Sample ID: G563-162-1A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 10:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	BQL	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.8	98
Toluene-d8	10	9.81	98
4-Bromofluorobenzene	10	10.4	104

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12s
Client Project ID: AD&F
Lab Sample ID: G563-162-2A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 9:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**4.53**	25.0	1.09	1	1/22/2008	J
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	**0.220**	1.00	0.121	1	1/22/2008	J
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	**0.520**	1.00	0.0350	1	1/22/2008	J
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12s
Client Project ID: AD&F
Lab Sample ID: G563-162-2A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 9:30
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**15.0**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	**0.290**	1.00	0.0870	1	1/22/2008	J
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.83	98
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	10.3	103

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12i
Client Project ID: AD&F
Lab Sample ID: G563-162-3A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 9:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**4.10**	25.0	1.09	1	1/22/2008	J
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	**4.78**	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12i
Client Project ID: AD&F
Lab Sample ID: G563-162-3A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 9:00
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	**35.4**	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Trichloroethene	**1.49**	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.83	98
Toluene-d8	10	9.75	98
4-Bromofluorobenzene	10	10.4	104

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-13s
Client Project ID: AD&F
Lab Sample ID: G563-162-4A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 7:45
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	200	8.72	8	1/22/2008	
Benzene	BQL	8.00	0.640	8	1/22/2008	
Bromobenzene	BQL	8.00	1.14	8	1/22/2008	
Bromochloromethane	BQL	8.00	2.09	8	1/22/2008	
Bromodichloromethane	BQL	8.00	1.17	8	1/22/2008	
Bromoform	BQL	8.00	2.20	8	1/22/2008	
Bromomethane	BQL	8.00	2.09	8	1/22/2008	
2-Butanone	BQL	200	12.2	8	1/22/2008	
n-Butylbenzene	BQL	8.00	0.840	8	1/22/2008	
sec-Butylbenzene	BQL	8.00	0.936	8	1/22/2008	
tert-Butylbenzene	BQL	8.00	1.02	8	1/22/2008	
Carbon disulfide	BQL	8.00	0.504	8	1/22/2008	
Carbon tetrachloride	BQL	8.00	0.816	8	1/22/2008	
Chlorobenzene	BQL	8.00	0.576	8	1/22/2008	
Chloroethane	BQL	8.00	4.54	8	1/22/2008	
Chloroform	BQL	8.00	0.968	8	1/22/2008	
Chloromethane	BQL	8.00	1.65	8	1/22/2008	
2-Chlorotoluene	BQL	8.00	0.880	8	1/22/2008	
4-Chlorotoluene	BQL	8.00	0.856	8	1/22/2008	
Dibromochloromethane	BQL	8.00	0.992	8	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	40.0	7.20	8	1/22/2008	
Dibromomethane	BQL	8.00	1.59	8	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	8.00	0.960	8	1/22/2008	
1,2-Dichlorobenzene	BQL	8.00	0.928	8	1/22/2008	
1,3-Dichlorobenzene	BQL	8.00	1.38	8	1/22/2008	
1,4-Dichlorobenzene	BQL	8.00	1.26	8	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	40.0	6.32	8	1/22/2008	
1,1-Dichloroethane	BQL	8.00	0.704	8	1/22/2008	
1,1-Dichloroethene	BQL	8.00	1.63	8	1/22/2008	
1,2-Dichloroethane	BQL	8.00	1.06	8	1/22/2008	
cis-1,2-Dichloroethene	**41.9**	8.00	0.280	8	1/22/2008	
trans-1,2-dichloroethene	BQL	8.00	1.26	8	1/22/2008	
1,2-Dichloropropane	BQL	8.00	0.768	8	1/22/2008	
1,3-Dichloropropane	BQL	8.00	1.30	8	1/22/2008	
2,2-Dichloropropane	BQL	8.00	1.45	8	1/22/2008	
1,1-Dichloropropene	BQL	8.00	0.968	8	1/22/2008	
cis-1,3-Dichloropropene	BQL	8.00	0.968	8	1/22/2008	
trans-1,3-Dichloropropene	BQL	8.00	0.872	8	1/22/2008	
Dichlorodifluoromethane	BQL	40.0	2.03	8	1/22/2008	
Diisopropyl ether (DIPE)	BQL	8.00	0.680	8	1/22/2008	
Ethylbenzene	BQL	8.00	0.888	8	1/22/2008	
Hexachlorobutadiene	BQL	8.00	1.83	8	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-13s
Client Project ID: AD&F
Lab Sample ID: G563-162-4A
Lab Project ID: G563-162

Analyzed By: MJC
Date Collected: 1/16/2008 7:45
Date Received: 1/18/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	40.0	6.96	8	1/22/2008	
Iodomethane	BQL	8.00	0.632	8	1/22/2008	
Isopropylbenzene	BQL	8.00	1.02	8	1/22/2008	
4-Isopropyltoluene	BQL	8.00	0.992	8	1/22/2008	
Methylene chloride	BQL	40.0	1.59	8	1/22/2008	
4-Methyl-2-pentanone	BQL	40.0	8.32	8	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	8.00	1.10	8	1/22/2008	
Naphthalene	BQL	8.00	1.38	8	1/22/2008	
n-Propyl benzene	BQL	8.00	0.960	8	1/22/2008	
Styrene	BQL	8.00	0.872	8	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	8.00	1.00	8	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	8.00	1.50	8	1/22/2008	
Tetrachloroethene	**302**	8.00	0.896	8	1/22/2008	
Toluene	BQL	8.00	0.728	8	1/22/2008	
1,2,3-Trichlorobenzene	BQL	8.00	1.41	8	1/22/2008	
1,2,4-Trichlorobenzene	BQL	8.00	0.576	8	1/22/2008	
Trichloroethene	**5.36**	8.00	0.696	8	1/22/2008	J
1,1,1-Trichloroethane	BQL	8.00	0.888	8	1/22/2008	
1,1,2-Trichloroethane	BQL	8.00	1.40	8	1/22/2008	
Trichlorofluoromethane	BQL	8.00	1.98	8	1/22/2008	
1,2,3-Trichloropropane	BQL	8.00	1.62	8	1/22/2008	
1,2,4-Trimethylbenzene	BQL	8.00	0.968	8	1/22/2008	
1,3,5-Trimethylbenzene	BQL	8.00	0.848	8	1/22/2008	
Vinyl chloride	BQL	8.00	2.44	8	1/22/2008	
m-,p-Xylene	BQL	16.0	1.72	8	1/22/2008	
o-Xylene	BQL	8.00	0.880	8	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.77	98
Toluene-d8	10	9.97	100
4-Bromofluorobenzene	10	10.7	107

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

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK9012208B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	1/22/2008	
Benzene	BQL	1.00	0.0800	1	1/22/2008	
Bromobenzene	BQL	1.00	0.143	1	1/22/2008	
Bromochloromethane	BQL	1.00	0.261	1	1/22/2008	
Bromodichloromethane	BQL	1.00	0.146	1	1/22/2008	
Bromoform	BQL	1.00	0.275	1	1/22/2008	
Bromomethane	BQL	1.00	0.261	1	1/22/2008	
2-Butanone	BQL	25.0	1.53	1	1/22/2008	
n-Butylbenzene	BQL	1.00	0.105	1	1/22/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	1/22/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	1/22/2008	
Carbon disulfide	BQL	1.00	0.0630	1	1/22/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	1/22/2008	
Chlorobenzene	BQL	1.00	0.0720	1	1/22/2008	
Chloroethane	BQL	1.00	0.568	1	1/22/2008	
Chloroform	BQL	1.00	0.121	1	1/22/2008	
Chloromethane	BQL	1.00	0.206	1	1/22/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	1/22/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	1/22/2008	
Dibromochloromethane	BQL	1.00	0.124	1	1/22/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	1/22/2008	
Dibromomethane	BQL	1.00	0.199	1	1/22/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	1/22/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	1/22/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	1/22/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	1/22/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	1/22/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	1/22/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	1/22/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	1/22/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	1/22/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	1/22/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	1/22/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	1/22/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	1/22/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	1/22/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	1/22/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	1/22/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	1/22/2008	
Ethylbenzene	BQL	1.00	0.111	1	1/22/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	1/22/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK9012208B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
2-Hexanone	BQL	5.00	0.870	1	1/22/2008	
Iodomethane	BQL	1.00	0.0790	1	1/22/2008	
Isopropylbenzene	BQL	1.00	0.127	1	1/22/2008	
4-Isopropyltoluene	BQL	1.00	0.124	1	1/22/2008	
Methylene chloride	BQL	5.00	0.199	1	1/22/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	1/22/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	1/22/2008	
Naphthalene	BQL	1.00	0.173	1	1/22/2008	
n-Propyl benzene	BQL	1.00	0.120	1	1/22/2008	
Styrene	BQL	1.00	0.109	1	1/22/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	1/22/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	1/22/2008	
Tetrachloroethene	BQL	1.00	0.112	1	1/22/2008	
Toluene	BQL	1.00	0.0910	1	1/22/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	1/22/2008	
1,2,4-Trichlorobenzene	**0.300**	1.00	0.0720	1	1/22/2008	J
Trichloroethene	BQL	1.00	0.0870	1	1/22/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	1/22/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	1/22/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	1/22/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	1/22/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	1/22/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	1/22/2008	
Vinyl chloride	BQL	1.00	0.305	1	1/22/2008	
m-,p-Xylene	BQL	2.00	0.215	1	1/22/2008	
o-Xylene	BQL	1.00	0.110	1	1/22/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.68	97
Toluene-d8	10	9.82	98
4-Bromofluorobenzene	10	10.5	105

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

Reviewed By:

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water

Lab Sample ID: LCS9012208a

Sample wt/vol: 5.00 (mL)

Lab File ID: 0122905.D

Level: (low/med) NA

% Moisture: not dec. NA

Date Analyzed: 2008-01-22 10:57

GC Column: DB-624 ID: 0.2 (mm)

Dilution Factor: 1

Soil Extract Volume: NA

Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC	#	QC LIMITS
67-64-1	acetone	25.0	21.7	87.0		23.5-141
107-02-8	acrolein	125	117	93.7		31.4-182
107-13-1	acrylonitrile	125	128	102		64.2-140
71-43-2	benzene	5.00	4.62	92.4		76.6-120
108-86-1	bromobenzene	5.00	4.98	99.6		75.0-122
74-97-5	bromochloromethane	5.00	4.65	93.0		74.8-127
75-27-4	bromodichloromethane	5.00	4.73	94.6		76.4-117
75-25-2	bromoform	5.00	4.90	98.0		62.4-127
74-83-9	bromomethane	5.00	4.97	99.4		34.2-166
78-93-3	2-butanone	25.0	24.0	96.0		44.9-126
104-51-8	n-butylbenzene	5.00	4.97	99.4		72.0-122
135-98-8	sec-butylbenzene	5.00	5.08	102		78.3-116
98-06-6	tert-butylbenzene	5.00	5.06	101		53.1-148
75-15-0	Carbon disulfide	5.00	4.44	88.8		69.0-118
56-23-5	carbon tetrachloride	5.00	4.73	94.6		71.7-124
108-90-7	chlorobenzene	5.00	4.84	96.8		75.5-116
75-00-3	chloroethane	5.00	5.03	101		78.2-138
110-75-8	2-chloroethyl vinyl ether	125	151	121		5.57-235
67-66-3	chloroform	5.00	4.68	93.6		80.6-117
74-87-3	chloromethane	5.00	4.87	97.4		72.6-127
95-49-8	2-chlorotoluene	5.00	4.77	95.4		81.4-117
106-43-4	4-chlorotoluene	5.00	4.87	97.4		82.1-116
124-48-1	dibromochloromethane	5.00	4.86	97.2		73.1-117
96-12-8	1,2-dibromo-3-chloropropane	25.0	23.7	94.9		58.0-133
106-93-4	1,2-dibromomethane	5.00	4.95	99.0		75.5-118
74-95-3	dibromomethane	5.00	4.84	96.8		77.3-124
95-50-1	1,2-dichlorobenzene	5.00	4.81	96.2		76.3-115
541-73-1	1,3-dichlorobenzene	5.00	4.76	95.2		79.1-114
106-46-7	1,4-dichlorobenzene	5.00	4.76	95.2		76.8-115
110-57-6	trans-1,4-Dichloro-2-butene	25.0	27.0	108		52.3-130
75-71-8	dichlorodifluoromethane	5.00	5.25	105		69.8-134
75-34-3	1,1-dichloroethane	5.00	4.54	90.8		78.0-120
107-06-2	1,2-dichloroethane	5.00	4.66	93.2		72.8-126
75-35-4	1,1-dichloroethene	5.00	4.41	88.2		74.6-121
156-59-2	cis-1,2-dichloroethene	5.00	4.96	99.2		78.0-121
156-60-5	trans-1,2-dichloroethene	5.00	4.70	94.0		60.7-144
78-87-5	1,2-dichloropropane	5.00	4.73	94.6		75.8-119
142-28-9	1,3-dichloropropane	5.00	4.87	97.4		78.5-113
594-20-7	2,2-dichloropropane	5.00	4.91	98.2		75.6-130
563-58-6	1,1-dichloropropene	5.00	4.94	98.8		79.7-117
10061-01-5	cis-1,3-dichloropropene	5.00	4.83	96.6		79.8-113

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Water

Lab Sample ID: LCS9012208a

Sample wt/vol: 5.00 (mL)

Lab File ID: 0122905.D

Level: (low/med) NA

% Moisture: not dec. NA

Date Analyzed: 2008-01-22 10:57

GC Column: DB-624 ID: 0.2 (mm)

Dilution Factor: 1

Soil Extract Volume: NA

Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/L)	SAMP CONC (µg/L)	% REC #	QC LIMITS
10061-02-6	trans-1,3-dichloropropene	5.00	4.90	98.0	79.0-113
108-20-3	Diisopropyl ether	5.00	4.96	99.2	71.8-115
100-41-4	ethylbenzene	5.00	4.89	97.8	80.5-115
87-68-3	hexachlorobutadiene	5.00	5.22	104	63.3-139
591-78-6	2-hexanone	25.0	26.7	107	46.8-123
74-88-4	Iodomethane	5.00	5.81	116	29.3-156
98-82-8	isopropylbenzene	5.00	5.03	101	81.6-114
99-87-6	4-isopropyltoluene	5.00	5.29	106	78.4-119
1634-04-4	Methyl-tert-butyl ether	5.00	4.90	98.0	76.0-114
75-09-2	methylene chloride	5.00	4.47	89.4	72.9-120
108-10-1	4-methyl-2-pentanone	25.0	24.8	99.4	56.2-124
91-20-3	naphthalene	5.00	5.76	115	24.8-182
103-65-1	n-propyl benzene	5.00	4.88	97.6	79.0-116
100-42-5	styrene	5.00	4.93	98.6	64.8-132
630-20-6	1,1,1,2-tetrachloroethane	5.00	5.01	100	78.8-118
79-34-5	1,1,2,2-tetrachloroethane	5.00	4.91	98.2	69.7-119
127-18-4	tetrachloroethene	5.00	5.17	103	55.3-144
108-88-3	toluene	5.00	4.77	95.4	78.6-117
87-61-6	1,2,3-trichlorobenzene	5.00	5.61	112	20.8-193
120-82-1	1,2,4-trichlorobenzene	5.00	5.30	106	47.9-150
71-55-6	1,1,1-trichloroethane	5.00	4.89	97.8	78.8-120
79-00-5	1,1,2-trichloroethane	5.00	4.99	99.8	73.6-117
79-01-6	trichloroethene	5.00	4.79	95.8	80.1-116
75-69-4	trichlorofluoromethane	5.00	5.14	103	80.5-130
96-18-4	1,2,3-trichloropropane	5.00	5.18	104	35.6-152
95-36-3	1,2,4-trimethylbenzene	5.00	5.13	103	77.0-116
108-67-8	1,3,5-trimethylbenzene	5.00	5.04	101	79.4-114
108-05-4	Vinyl acetate	12.5	13.0	104	60.7-127
75-01-4	vinyl chloride	5.00	4.84	96.8	77.5-126
108-38-3	m/p-xylene	10.0	9.69	96.9	82.9-112
95-47-6	o-xylene	5.00	4.97	99.4	81.3-113

System Monitoring Compound Results

		Spike Added (µg/L)	Spike Result (µg/L)	Percent Rec. (%)	Percent Recovery (%)
460-00-4	4-Bromofluorobenzene	10	10.0	106	84.7 - 115
17060-07-0	1,2-Dichloroethane-d4	10	9.91	99.0	63.5 - 140
2037-26-5	Toluene-d8	10	9.98	100	81.8 - 117

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: g563-161-6a Dilution: 4

Filenames: 0122918.D, 0122922.D, 0122923.D

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	100	86.8	86.8*	100	87.7	87.7*	1.05	30	17.7-85.2
acrolein	BQL	500	453	90.7	500	495	99.0	8.74	30	0.00-424
acrylonitrile	BQL	500	491	98.2	500	549	110	11.2	30	85.0-175
benzene	BQL	20.0	18.8	94.0	20.0	18.4	92.2	1.93	30	61.6-135
bromobenzene	BQL	20.0	19.3	96.4	20.0	19.3	96.6	0.207	30	65.1-125
bromochloromethane	BQL	20.0	18.6	93.0	20.0	18.6	93.0	0.00	30	75.5-126
bromodichloromethane	BQL	20.0	18.4	92.2	20.0	18.2	90.8	1.53	30	74.3-123
bromoform	BQL	20.0	17.9	89.6	20.0	17.7	88.4	1.35	30	52.3-122
bromomethane	BQL	20.0	24.3	122	20.0	26.2	131	7.29	30	10.0-284
2-butanone	BQL	100	92.1	92.1	100	90.8	90.8	1.44	30	36.1-107
n-butylbenzene	BQL	20.0	18.5	92.4	20.0	18.4	91.8	0.651	30	70.2-124
sec-butylbenzene	BQL	20.0	19.7	98.6	20.0	19.6	98.0	0.610	30	62.0-133
tert-butylbenzene	BQL	20.0	19.9	99.4	20.0	19.3	96.6	2.86	30	73.5-121
Carbon disulfide	BQL	20.0	17.7	88.4	20.0	17.3	86.4	2.29	30	68.8-129
carbon tetrachloride	BQL	20.0	18.9	94.6	20.0	18.1	90.4	4.54	30	71.8-122
chlorobenzene	BQL	20.0	19.1	95.6	20.0	18.8	93.8	1.90	30	77.2-118
chloroethane	BQL	20.0	21.3	106	20.0	23.5	117	9.83	30	10.0-233
2-chloroethyl vinyl ether	BQL	50.0	0.00	0.00*	50.0	0.00	0.00*	--	30	16.7-283
chloroform	BQL	20.0	19.0	95.0	20.0	18.5	92.6	2.56	30	74.0-128
chloromethane	BQL	20.0	19.3	96.6	20.0	22.0	110	13.0	30	72.0-138
2-chlorotoluene	BQL	20.0	19.0	95.2	20.0	18.8	94.2	1.06	30	79.3-118
4-chlorotoluene	BQL	20.0	18.8	93.8	20.0	18.5	92.6	1.29	30	76.8-120
dibromochloromethane	BQL	20.0	18.0	90.2	20.0	18.2	91.2	1.10	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	100	89.3	89.3	100	85.8	85.8	3.98	30	20.2-171
1,2-dibromomethane	BQL	20.0	19.5	97.4	20.0	18.9	94.6	2.92	30	78.5-123
dibromomethane	BQL	20.0	19.2	96.2	20.0	18.3	91.4	5.12	30	71.3-137
1,2-dichlorobenzene	BQL	20.0	18.6	92.8	20.0	18.1	90.4	2.62	30	75.1-120
1,3-dichlorobenzene	BQL	20.0	18.7	93.6	20.0	18.5	92.6	1.07	30	73.1-121
1,4-dichlorobenzene	BQL	20.0	19.2	96.0	20.0	17.7	88.4	8.24	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	100	97.6	97.6	100	94.5	94.5	3.21	30	25.7-149
dichlorodifluoromethane	BQL	20.0	20.9	104	20.0	23.0	115	9.49	30	41.7-166
1,1-dichloroethane	BQL	20.0	18.4	92.2	20.0	18.6	93.0	0.864	30	75.6-128
1,2-dichloroethane	BQL	20.0	19.1	95.6	20.0	18.7	93.6	2.11	30	71.1-127
1,1-dichloroethene	BQL	20.0	17.8	88.8	20.0	17.2	86.0	3.20	30	64.4-130
cis-1,2-dichloroethene	BQL	20.0	19.8	99.2	20.0	19.5	97.4	1.83	30	72.7-134
trans-1,2-dichloroethene	BQL	20.0	19.0	95.2	20.0	18.8	94.0	1.27	30	74.6-124
1,2-dichloropropane	BQL	20.0	19.1	95.4	20.0	18.8	94.2	1.26	30	76.5-129
1,3-dichloropropane	BQL	20.0	18.9	94.6	20.0	18.8	94.0	0.636	30	79.1-121
2,2-dichloropropane	BQL	20.0	18.4	91.8	20.0	18.0	90.2	1.76	30	31.5-157
1,1-dichloropropene	BQL	20.0	19.9	99.4	20.0	19.7	98.6	0.808	30	72.5-120
cis-1,3-dichloropropene	BQL	20.0	18.5	92.6	20.0	18.1	90.6	2.18	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

3A

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: g563-161-6a

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	20.0	17.2	86.0	20.0	16.7	83.6	2.83	30	44.7-144
Diisopropyl ether	BQL	20.0	19.8	99.2	20.0	19.7	98.4	0.810	30	79.4-122
ethylbenzene	BQL	20.0	19.5	97.6	20.0	19.0	95.0	2.70	30	73.8-126
hexachlorobutadiene	BQL	20.0	18.1	90.6	20.0	18.8	94.0	3.68	30	51.8-134
2-hexanone	BQL	100	96.9	96.9	100	96.2	96.2	0.663	30	41.6-111
Iodomethane	BQL	20.0	18.5	92.6	20.0	20.4	102	9.86	30	40.6-126
isopropylbenzene	BQL	20.0	20.2	101	20.0	19.7	98.6	2.40	30	74.3-123
4-isopropyltoluene	BQL	20.0	20.0	100	20.0	19.8	99.0	1.00	30	74.6-122
Methyl-tert-butyl ether	BQL	20.0	18.9	94.4	20.0	18.4	92.0	2.58	30	66.5-136
methylene chloride	BQL	20.0	17.5	87.4	20.0	17.2	86.2	1.38	30	48.6-155
4-methyl-2-pentanone	BQL	100	94.7	94.7	100	92.5	92.5	2.31	30	6.88-166
naphthalene	BQL	20.0	17.4	87.0	20.0	18.4	91.8	5.37	30	55.1-140
n-propyl benzene	BQL	20.0	19.8	98.8	20.0	19.0	95.0	3.92	30	71.6-128
styrene	BQL	20.0	19.8	99.0	20.0	19.1	95.6	3.49	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	20.0	19.0	95.0	20.0	19.1	95.6	0.630	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	20.0	18.2	90.8	20.0	17.9	89.4	1.55	30	75.7-136
tetrachloroethene	50.2	20.0	17.4	87.0	20.0	17.0	85.0	2.32	30	45.8-153
toluene	BQL	20.0	19.4	97.2	20.0	18.9	94.6	2.71	30	66.4-128
1,2,3-trichlorobenzene	BQL	20.0	16.9	84.4	20.0	17.9	89.6	5.98	30	61.0-126
1,2,4-trichlorobenzene	BQL	20.0	17.5	87.4	20.0	17.6	87.8	0.457	30	60.6-125
1,1,1-trichloroethane	BQL	20.0	19.0	95.0	20.0	18.8	93.8	1.27	30	78.4-121
1,1,2-trichloroethane	BQL	20.0	17.4	86.8	20.0	16.9	84.4	2.80	30	64.8-128
trichloroethene	4.56	20.0	18.8	94.0	20.0	18.7	93.6	0.426	30	84.9-136
trichlorofluoromethane	BQL	20.0	20.4	102	20.0	22.0	110	7.73	30	76.8-132
1,2,3-trichloropropane	BQL	20.0	19.0	95.0	20.0	19.1	95.6	0.630	30	10.0-218
1,2,4-trimethylbenzene	BQL	20.0	19.8	99.0	20.0	19.5	97.4	1.63	30	31.0-172
1,3,5-trimethylbenzene	BQL	20.0	19.7	98.4	20.0	19.4	97.2	1.23	30	67.7-132
Vinyl acetate	BQL	50.0	49.7	99.4	50.0	49.2	98.3	1.13	30	0.00-355
vinyl chloride	BQL	20.0	19.3	96.4	20.0	20.8	104	7.78	30	68.1-137
m/p-xylene	BQL	40.0	39.6	98.9	40.0	38.5	96.2	2.77	30	79.8-118
o-xylene	BQL	20.0	19.9	99.6	20.0	19.4	97.0	2.64	30	80.0-121

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 0 failure(s) out of 72. MSD Spike Recovery: 0 failure(s) out of 72.

RPD: 1 out of 72 outside of limits

COMMENTS:

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

0763

SGS Reference: G563-162

PAGE 1 OF

(1)

CLIENT: Mineral Springs Enviro.
CONTACT: Kirk Pollard
PHONE NO: (919) 261 8186
PROJECT: AO&F
SITE/PWSID# :
REPORTS TO: K. Pollard MSE
E-MAIL:
FAX NO.: (919) 261 8299
INVOICE TO: MSE
QUOTE #
P.O. NUMBER

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCl; Analysis Required (3): 8270-8260
	MW-2s	1-16-08	1000	H_2O	3	G	3
	MW-12s		930				
	MW-12i		900				
	MW-13s	✓	745	✓	✓	✓	✓

REMARKS: 8260 per Kirk Pollard 1/21/08

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
[signature]			[signature]	1/17/08	13:11
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			[signature]	1/18/08	1700
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements:
Special Instructions:
Samples Received Cold? (Circle) YES NO
Temperature °C: wet 5.2°C
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Requested Turnaround Time:
☐ RUSH Date Needed ☒ STD

N.C. CERTIFICATION #481

SGS ENVIRON MENTAL SERV CES, 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

Mr. Kirk Pollard
Mineral Springs
4600 Mineral Springs Lane
Raleigh NC 27616

Report Number: G563-208

Client Project: AD&F

Dear Mr. Pollard:

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.

Lori L 5/13/08

Project Manager — Date
Lori Lockamy

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 8260B

Client Sample ID: MW-4S
Client Project ID: AD&F
Lab Sample ID: G563-208-1B
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 15:20
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/6/2008	
Benzene	BQL	1.00	0.0800	1	5/6/2008	
Bromobenzene	BQL	1.00	0.143	1	5/6/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/6/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/6/2008	
Bromoform	BQL	1.00	0.275	1	5/6/2008	
Bromomethane	BQL	1.00	0.261	1	5/6/2008	
2-Butanone	BQL	25.0	1.53	1	5/6/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/6/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/6/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/6/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/6/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/6/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Chloroethane	BQL	1.00	0.568	1	5/6/2008	
Chloroform	BQL	1.00	0.121	1	5/6/2008	
Chloromethane	BQL	1.00	0.206	1	5/6/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/6/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/6/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/6/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/6/2008	
Dibromomethane	BQL	1.00	0.199	1	5/6/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/6/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/6/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/6/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/6/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/6/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/6/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/6/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/6/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/6/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/6/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/6/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/6/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/6/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/6/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/6/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/6/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/6/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/6/2008	
2-Hexanone	BQL	5.00	0.870	1	5/6/2008	
Iodomethane	BQL	1.00	0.0790	1	5/6/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/6/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-4S
Client Project ID: AD&F
Lab Sample ID: G563-208-1B
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 15:20
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/6/2008	
Methylene chloride	BQL	5.00	0.199	1	5/6/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/6/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/6/2008	
Naphthalene	BQL	1.00	0.173	1	5/6/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/6/2008	
Styrene	BQL	1.00	0.109	1	5/6/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/6/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/6/2008	
Tetrachloroethene	**2.51**	1.00	0.112	1	5/6/2008	
Toluene	BQL	1.00	0.0910	1	5/6/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/6/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/6/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/6/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/6/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/6/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/6/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/6/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/6/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/6/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/6/2008	
o-Xylene	BQL	1.00	0.110	1	5/6/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-4i
Client Project ID: AD&F
Lab Sample ID: G563-208-2A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 14:55
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	BQL	1.00	0.121	1	5/5/2008	
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/5/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-4i
Client Project ID: AD&F
Lab Sample ID: G563-208-2A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 14:55
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	**18.9**	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	**0.270**	1.00	0.0870	1	5/5/2008	J
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	9.87	99
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CP

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5s
Client Project ID: AD&F
Lab Sample ID: G563-208-3A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 14:10
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	BQL	1.00	0.121	1	5/5/2008	
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	**0.680**	1.00	0.0350	1	5/5/2008	J
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5s
Client Project ID: AD&F
Lab Sample ID: G563-208-3A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 14:10
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	**15.3**	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	**1.85**	1.00	0.0870	1	5/5/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.6	106

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5i
Client Project ID: AD&F
Lab Sample ID: G563-208-4A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 13:45
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	BQL	1.00	0.121	1	5/5/2008	
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	**2.58**	1.00	0.0350	1	5/5/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-5i
Client Project ID: AD&F
Lab Sample ID: G563-208-4A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 13:45
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	**11.4**	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	**2.28**	1.00	0.0870	1	5/5/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.6	106

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6s
Client Project ID: AD&F
Lab Sample ID: G563-208-5A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 12:30
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	250	10.9	10	5/5/2008	
Benzene	BQL	10.0	0.800	10	5/5/2008	
Bromobenzene	BQL	10.0	1.43	10	5/5/2008	
Bromochloromethane	BQL	10.0	2.61	10	5/5/2008	
Bromodichloromethane	BQL	10.0	1.46	10	5/5/2008	
Bromoform	BQL	10.0	2.75	10	5/5/2008	
Bromomethane	BQL	10.0	2.61	10	5/5/2008	
2-Butanone	BQL	250	15.3	10	5/5/2008	
n-Butylbenzene	BQL	10.0	1.05	10	5/5/2008	
sec-Butylbenzene	BQL	10.0	1.17	10	5/5/2008	
tert-Butylbenzene	BQL	10.0	1.28	10	5/5/2008	
Carbon disulfide	BQL	10.0	0.630	10	5/5/2008	
Carbon tetrachloride	BQL	10.0	1.02	10	5/5/2008	
Chlorobenzene	BQL	10.0	0.720	10	5/5/2008	
Chloroethane	BQL	10.0	5.68	10	5/5/2008	
Chloroform	BQL	10.0	1.21	10	5/5/2008	
Chloromethane	BQL	10.0	2.06	10	5/5/2008	
2-Chlorotoluene	BQL	10.0	1.10	10	5/5/2008	
4-Chlorotoluene	BQL	10.0	1.07	10	5/5/2008	
Dibromochloromethane	BQL	10.0	1.24	10	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	50.0	9.00	10	5/5/2008	
Dibromomethane	BQL	10.0	1.99	10	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	10.0	1.20	10	5/5/2008	
1,2-Dichlorobenzene	BQL	10.0	1.16	10	5/5/2008	
1,3-Dichlorobenzene	BQL	10.0	1.73	10	5/5/2008	
1,4-Dichlorobenzene	BQL	10.0	1.57	10	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	50.0	7.90	10	5/5/2008	
1,1-Dichloroethane	BQL	10.0	0.880	10	5/5/2008	
1,1-Dichloroethene	BQL	10.0	2.04	10	5/5/2008	
1,2-Dichloroethane	BQL	10.0	1.32	10	5/5/2008	
cis-1,2-Dichloroethene	**21.2**	10.0	0.350	10	5/5/2008	
trans-1,2-dichloroethene	BQL	10.0	1.58	10	5/5/2008	
1,2-Dichloropropane	BQL	10.0	0.960	10	5/5/2008	
1,3-Dichloropropane	BQL	10.0	1.62	10	5/5/2008	
2,2-Dichloropropane	BQL	10.0	1.81	10	5/5/2008	
1,1-Dichloropropene	BQL	10.0	1.21	10	5/5/2008	
cis-1,3-Dichloropropene	BQL	10.0	1.21	10	5/5/2008	
trans-1,3-Dichloropropene	BQL	10.0	1.09	10	5/5/2008	
Dichlorodifluoromethane	BQL	50.0	2.54	10	5/5/2008	
Diisopropyl ether (DIPE)	BQL	10.0	0.850	10	5/5/2008	
Ethylbenzene	BQL	10.0	1.11	10	5/5/2008	
Hexachlorobutadiene	BQL	10.0	2.29	10	5/5/2008	
2-Hexanone	BQL	50.0	8.70	10	5/5/2008	
Iodomethane	BQL	10.0	0.790	10	5/5/2008	
Isopropylbenzene	BQL	10.0	1.27	10	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6s
Client Project ID: AD&F
Lab Sample ID: G563-208-5A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 12:30
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	10.0	1.24	10	5/5/2008	
Methylene chloride	BQL	50.0	1.99	10	5/5/2008	
4-Methyl-2-pentanone	BQL	50.0	10.4	10	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	10.0	1.38	10	5/5/2008	
Naphthalene	BQL	10.0	1.73	10	5/5/2008	
n-Propyl benzene	BQL	10.0	1.20	10	5/5/2008	
Styrene	BQL	10.0	1.09	10	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	10.0	1.25	10	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	10.0	1.87	10	5/5/2008	
Tetrachloroethene	**138**	10.0	1.12	10	5/5/2008	
Toluene	BQL	10.0	0.910	10	5/5/2008	
1,2,3-Trichlorobenzene	BQL	10.0	1.76	10	5/5/2008	
1,2,4-Trichlorobenzene	BQL	10.0	0.720	10	5/5/2008	
Trichloroethene	**5.80**	10.0	0.870	10	5/5/2008	J
1,1,1-Trichloroethane	BQL	10.0	1.11	10	5/5/2008	
1,1,2-Trichloroethane	BQL	10.0	1.75	10	5/5/2008	
Trichlorofluoromethane	BQL	10.0	2.47	10	5/5/2008	
1,2,3-Trichloropropane	BQL	10.0	2.03	10	5/5/2008	
1,2,4-Trimethylbenzene	BQL	10.0	1.21	10	5/5/2008	
1,3,5-Trimethylbenzene	BQL	10.0	1.06	10	5/5/2008	
Vinyl chloride	BQL	10.0	3.05	10	5/5/2008	
m-,p-Xylene	BQL	20.0	2.15	10	5/5/2008	
o-Xylene	BQL	10.0	1.10	10	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.99	100
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.5	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6i
Client Project ID: AD&F
Lab Sample ID: G563-208-6A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 12:00
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	4.36	4	5/6/2008	
Benzene	BQL	4.00	0.320	4	5/6/2008	
Bromobenzene	BQL	4.00	0.572	4	5/6/2008	
Bromochloromethane	BQL	4.00	1.04	4	5/6/2008	
Bromodichloromethane	BQL	4.00	0.584	4	5/6/2008	
Bromoform	BQL	4.00	1.10	4	5/6/2008	
Bromomethane	BQL	4.00	1.04	4	5/6/2008	
2-Butanone	BQL	100	6.12	4	5/6/2008	
n-Butylbenzene	BQL	4.00	0.420	4	5/6/2008	
sec-Butylbenzene	BQL	4.00	0.468	4	5/6/2008	
tert-Butylbenzene	BQL	4.00	0.512	4	5/6/2008	
Carbon disulfide	BQL	4.00	0.252	4	5/6/2008	
Carbon tetrachloride	BQL	4.00	0.408	4	5/6/2008	
Chlorobenzene	BQL	4.00	0.288	4	5/6/2008	
Chloroethane	BQL	4.00	2.27	4	5/6/2008	
Chloroform	BQL	4.00	0.484	4	5/6/2008	
Chloromethane	BQL	4.00	0.824	4	5/6/2008	
2-Chlorotoluene	BQL	4.00	0.440	4	5/6/2008	
4-Chlorotoluene	BQL	4.00	0.428	4	5/6/2008	
Dibromochloromethane	BQL	4.00	0.496	4	5/6/2008	
1,2-Dibromo-3-chloropropane	BQL	20.0	3.60	4	5/6/2008	
Dibromomethane	BQL	4.00	0.796	4	5/6/2008	
1,2-Dibromoethane (EDB)	BQL	4.00	0.480	4	5/6/2008	
1,2-Dichlorobenzene	BQL	4.00	0.464	4	5/6/2008	
1,3-Dichlorobenzene	BQL	4.00	0.692	4	5/6/2008	
1,4-Dichlorobenzene	BQL	4.00	0.628	4	5/6/2008	
trans-1,4-Dichloro-2-butene	BQL	20.0	3.16	4	5/6/2008	
1,1-Dichloroethane	BQL	4.00	0.352	4	5/6/2008	
1,1-Dichloroethene	BQL	4.00	0.816	4	5/6/2008	
1,2-Dichloroethane	BQL	4.00	0.528	4	5/6/2008	
cis-1,2-Dichloroethene	**3.16**	4.00	0.140	4	5/6/2008	J
trans-1,2-dichloroethene	BQL	4.00	0.632	4	5/6/2008	
1,2-Dichloropropane	BQL	4.00	0.384	4	5/6/2008	
1,3-Dichloropropane	BQL	4.00	0.648	4	5/6/2008	
2,2-Dichloropropane	BQL	4.00	0.724	4	5/6/2008	
1,1-Dichloropropene	BQL	4.00	0.484	4	5/6/2008	
cis-1,3-Dichloropropene	BQL	4.00	0.484	4	5/6/2008	
trans-1,3-Dichloropropene	BQL	4.00	0.436	4	5/6/2008	
Dichlorodifluoromethane	BQL	20.0	1.02	4	5/6/2008	
Diisopropyl ether (DIPE)	BQL	4.00	0.340	4	5/6/2008	
Ethylbenzene	BQL	4.00	0.444	4	5/6/2008	
Hexachlorobutadiene	BQL	4.00	0.916	4	5/6/2008	
2-Hexanone	BQL	20.0	3.48	4	5/6/2008	
Iodomethane	BQL	4.00	0.316	4	5/6/2008	
Isopropylbenzene	BQL	4.00	0.508	4	5/6/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-6i
Client Project ID: AD&F
Lab Sample ID: G563-208-6A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 12:00
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	4.00	0.496	4	5/6/2008	
Methylene chloride	**16.1**	20.0	0.796	4	5/6/2008	J
4-Methyl-2-pentanone	BQL	20.0	4.16	4	5/6/2008	
Methyl-tert-butyl ether (MTBE)	BQL	4.00	0.552	4	5/6/2008	
Naphthalene	BQL	4.00	0.692	4	5/6/2008	
n-Propyl benzene	BQL	4.00	0.480	4	5/6/2008	
Styrene	BQL	4.00	0.436	4	5/6/2008	
1,1,1,2-Tetrachloroethane	BQL	4.00	0.500	4	5/6/2008	
1,1,2,2-Tetrachloroethane	BQL	4.00	0.748	4	5/6/2008	
Tetrachloroethene	**28.0**	4.00	0.448	4	5/6/2008	
Toluene	BQL	4.00	0.364	4	5/6/2008	
1,2,3-Trichlorobenzene	BQL	4.00	0.704	4	5/6/2008	
1,2,4-Trichlorobenzene	BQL	4.00	0.288	4	5/6/2008	
Trichloroethene	**3.56**	4.00	0.348	4	5/6/2008	J
1,1,1-Trichloroethane	BQL	4.00	0.444	4	5/6/2008	
1,1,2-Trichloroethane	BQL	4.00	0.700	4	5/6/2008	
Trichlorofluoromethane	BQL	4.00	0.988	4	5/6/2008	
1,2,3-Trichloropropane	BQL	4.00	0.812	4	5/6/2008	
1,2,4-Trimethylbenzene	BQL	4.00	0.484	4	5/6/2008	
1,3,5-Trimethylbenzene	BQL	4.00	0.424	4	5/6/2008	
Vinyl chloride	BQL	4.00	1.22	4	5/6/2008	
m-,p-Xylene	BQL	8.00	0.860	4	5/6/2008	
o-Xylene	BQL	4.00	0.440	4	5/6/2008	

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

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-7s
Client Project ID: AD&F
Lab Sample ID: G563-208-7A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 15:50
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	BQL	1.00	0.121	1	5/5/2008	
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/5/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-7s
Client Project ID: AD&F
Lab Sample ID: G563-208-7A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 15:50
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	BQL	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/5/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.89	99
Toluene-d8	10	10.3	103
4-Bromofluorobenzene	10	10.6	106

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-11i
Client Project ID: AD&F
Lab Sample ID: G563-208-8A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 16:55
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	250	10.9	10	5/5/2008	
Benzene	BQL	10.0	0.800	10	5/5/2008	
Bromobenzene	BQL	10.0	1.43	10	5/5/2008	
Bromochloromethane	BQL	10.0	2.61	10	5/5/2008	
Bromodichloromethane	BQL	10.0	1.46	10	5/5/2008	
Bromoform	BQL	10.0	2.75	10	5/5/2008	
Bromomethane	BQL	10.0	2.61	10	5/5/2008	
2-Butanone	BQL	250	15.3	10	5/5/2008	
n-Butylbenzene	BQL	10.0	1.05	10	5/5/2008	
sec-Butylbenzene	BQL	10.0	1.17	10	5/5/2008	
tert-Butylbenzene	BQL	10.0	1.28	10	5/5/2008	
Carbon disulfide	BQL	10.0	0.630	10	5/5/2008	
Carbon tetrachloride	BQL	10.0	1.02	10	5/5/2008	
Chlorobenzene	BQL	10.0	0.720	10	5/5/2008	
Chloroethane	BQL	10.0	5.68	10	5/5/2008	
Chloroform	BQL	10.0	1.21	10	5/5/2008	
Chloromethane	BQL	10.0	2.06	10	5/5/2008	
2-Chlorotoluene	BQL	10.0	1.10	10	5/5/2008	
4-Chlorotoluene	BQL	10.0	1.07	10	5/5/2008	
Dibromochloromethane	BQL	10.0	1.24	10	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	50.0	9.00	10	5/5/2008	
Dibromomethane	BQL	10.0	1.99	10	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	10.0	1.20	10	5/5/2008	
1,2-Dichlorobenzene	BQL	10.0	1.16	10	5/5/2008	
1,3-Dichlorobenzene	BQL	10.0	1.73	10	5/5/2008	
1,4-Dichlorobenzene	BQL	10.0	1.57	10	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	50.0	7.90	10	5/5/2008	
1,1-Dichloroethane	BQL	10.0	0.880	10	5/5/2008	
1,1-Dichloroethene	BQL	10.0	2.04	10	5/5/2008	
1,2-Dichloroethane	BQL	10.0	1.32	10	5/5/2008	
cis-1,2-Dichloroethene	**31.5**	10.0	0.350	10	5/5/2008	
trans-1,2-dichloroethene	BQL	10.0	1.58	10	5/5/2008	
1,2-Dichloropropane	BQL	10.0	0.960	10	5/5/2008	
1,3-Dichloropropane	BQL	10.0	1.62	10	5/5/2008	
2,2-Dichloropropane	BQL	10.0	1.81	10	5/5/2008	
1,1-Dichloropropene	BQL	10.0	1.21	10	5/5/2008	
cis-1,3-Dichloropropene	BQL	10.0	1.21	10	5/5/2008	
trans-1,3-Dichloropropene	BQL	10.0	1.09	10	5/5/2008	
Dichlorodifluoromethane	BQL	50.0	2.54	10	5/5/2008	
Diisopropyl ether (DIPE)	BQL	10.0	0.850	10	5/5/2008	
Ethylbenzene	BQL	10.0	1.11	10	5/5/2008	
Hexachlorobutadiene	BQL	10.0	2.29	10	5/5/2008	
2-Hexanone	BQL	50.0	8.70	10	5/5/2008	
Iodomethane	BQL	10.0	0.790	10	5/5/2008	
Isopropylbenzene	BQL	10.0	1.27	10	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-11i
Client Project ID: AD&F
Lab Sample ID: G563-208-8A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 16:55
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	10.0	1.24	10	5/5/2008	
Methylene chloride	BQL	50.0	1.99	10	5/5/2008	
4-Methyl-2-pentanone	BQL	50.0	10.4	10	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	10.0	1.38	10	5/5/2008	
Naphthalene	BQL	10.0	1.73	10	5/5/2008	
n-Propyl benzene	BQL	10.0	1.20	10	5/5/2008	
Styrene	BQL	10.0	1.09	10	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	10.0	1.25	10	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	10.0	1.87	10	5/5/2008	
Tetrachloroethene	**112**	10.0	1.12	10	5/5/2008	
Toluene	BQL	10.0	0.910	10	5/5/2008	
1,2,3-Trichlorobenzene	BQL	10.0	1.76	10	5/5/2008	
1,2,4-Trichlorobenzene	BQL	10.0	0.720	10	5/5/2008	
Trichloroethene	**10.1**	10.0	0.870	10	5/5/2008	
1,1,1-Trichloroethane	BQL	10.0	1.11	10	5/5/2008	
1,1,2-Trichloroethane	BQL	10.0	1.75	10	5/5/2008	
Trichlorofluoromethane	BQL	10.0	2.47	10	5/5/2008	
1,2,3-Trichloropropane	BQL	10.0	2.03	10	5/5/2008	
1,2,4-Trimethylbenzene	BQL	10.0	1.21	10	5/5/2008	
1,3,5-Trimethylbenzene	BQL	10.0	1.06	10	5/5/2008	
Vinyl chloride	BQL	10.0	3.05	10	5/5/2008	
m-,p-Xylene	BQL	20.0	2.15	10	5/5/2008	
o-Xylene	BQL	10.0	1.10	10	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.76	98
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.5	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-15s
Client Project ID: AD&F
Lab Sample ID: G563-208-9A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 17:35
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	**0.270**	1.00	0.121	1	5/5/2008	J
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	**0.370**	1.00	0.0350	1	5/5/2008	J
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-15s
Client Project ID: AD&F
Lab Sample ID: G563-208-9A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 17:35
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	**20.6**	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	**0.690**	1.00	0.0870	1	5/5/2008	J
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.68	97
Toluene-d8	10	10	100
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-1i
Client Project ID: AD&F
Lab Sample ID: G563-208-10B
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/30/2008 8:00
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/6/2008	
Benzene	BQL	1.00	0.0800	1	5/6/2008	
Bromobenzene	BQL	1.00	0.143	1	5/6/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/6/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/6/2008	
Bromoform	BQL	1.00	0.275	1	5/6/2008	
Bromomethane	BQL	1.00	0.261	1	5/6/2008	
2-Butanone	BQL	25.0	1.53	1	5/6/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/6/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/6/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/6/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/6/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/6/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Chloroethane	BQL	1.00	0.568	1	5/6/2008	
Chloroform	BQL	1.00	0.121	1	5/6/2008	
Chloromethane	BQL	1.00	0.206	1	5/6/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/6/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/6/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/6/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/6/2008	
Dibromomethane	BQL	1.00	0.199	1	5/6/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/6/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/6/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/6/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/6/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/6/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/6/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/6/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/6/2008	
cis-1,2-Dichloroethene	**1.36**	1.00	0.0350	1	5/6/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/6/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/6/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/6/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/6/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/6/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/6/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/6/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/6/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/6/2008	
2-Hexanone	BQL	5.00	0.870	1	5/6/2008	
Iodomethane	BQL	1.00	0.0790	1	5/6/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/6/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-1i
Client Project ID: AD&F
Lab Sample ID: G563-208-10B
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/30/2008 8:00
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/6/2008	
Methylene chloride	BQL	5.00	0.199	1	5/6/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/6/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/6/2008	
Naphthalene	BQL	1.00	0.173	1	5/6/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/6/2008	
Styrene	BQL	1.00	0.109	1	5/6/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/6/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/6/2008	
Tetrachloroethene	**14.0**	1.00	0.112	1	5/6/2008	
Toluene	BQL	1.00	0.0910	1	5/6/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/6/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Trichloroethene	**1.24**	1.00	0.0870	1	5/6/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/6/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/6/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/6/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/6/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/6/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/6/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/6/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/6/2008	
o-Xylene	BQL	1.00	0.110	1	5/6/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.3	103
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-2i
Client Project ID: AD&F
Lab Sample ID: G563-208-11B
Lab Project ID: G563-208

Analyzed By: MJC
Date Collected: 4/30/2008 9:00
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	250	10.9	10	5/8/2008	
Benzene	BQL	10.0	0.800	10	5/8/2008	
Bromobenzene	BQL	10.0	1.43	10	5/8/2008	
Bromochloromethane	BQL	10.0	2.61	10	5/8/2008	
Bromodichloromethane	BQL	10.0	1.46	10	5/8/2008	
Bromoform	BQL	10.0	2.75	10	5/8/2008	
Bromomethane	BQL	10.0	2.61	10	5/8/2008	
2-Butanone	BQL	250	15.3	10	5/8/2008	
n-Butylbenzene	BQL	10.0	1.05	10	5/8/2008	
sec-Butylbenzene	BQL	10.0	1.17	10	5/8/2008	
tert-Butylbenzene	BQL	10.0	1.28	10	5/8/2008	
Carbon disulfide	BQL	10.0	0.630	10	5/8/2008	
Carbon tetrachloride	BQL	10.0	1.02	10	5/8/2008	
Chlorobenzene	BQL	10.0	0.720	10	5/8/2008	
Chloroethane	BQL	10.0	5.68	10	5/8/2008	
Chloroform	BQL	10.0	1.21	10	5/8/2008	
Chloromethane	BQL	10.0	2.06	10	5/8/2008	
2-Chlorotoluene	BQL	10.0	1.10	10	5/8/2008	
4-Chlorotoluene	BQL	10.0	1.07	10	5/8/2008	
Dibromochloromethane	BQL	10.0	1.24	10	5/8/2008	
1,2-Dibromo-3-chloropropane	BQL	50.0	9.00	10	5/8/2008	
Dibromomethane	BQL	10.0	1.99	10	5/8/2008	
1,2-Dibromoethane (EDB)	BQL	10.0	1.20	10	5/8/2008	
1,2-Dichlorobenzene	BQL	10.0	1.16	10	5/8/2008	
1,3-Dichlorobenzene	BQL	10.0	1.73	10	5/8/2008	
1,4-Dichlorobenzene	BQL	10.0	1.57	10	5/8/2008	
trans-1,4-Dichloro-2-butene	BQL	50.0	7.90	10	5/8/2008	
1,1-Dichloroethane	BQL	10.0	0.880	10	5/8/2008	
1,1-Dichloroethene	BQL	10.0	2.04	10	5/8/2008	
1,2-Dichloroethane	BQL	10.0	1.32	10	5/8/2008	
cis-1,2-Dichloroethene	**17.1**	10.0	0.350	10	5/8/2008	
trans-1,2-dichloroethene	BQL	10.0	1.58	10	5/8/2008	
1,2-Dichloropropane	BQL	10.0	0.960	10	5/8/2008	
1,3-Dichloropropane	BQL	10.0	1.62	10	5/8/2008	
2,2-Dichloropropane	BQL	10.0	1.81	10	5/8/2008	
1,1-Dichloropropene	BQL	10.0	1.21	10	5/8/2008	
cis-1,3-Dichloropropene	BQL	10.0	1.21	10	5/8/2008	
trans-1,3-Dichloropropene	BQL	10.0	1.09	10	5/8/2008	
Dichlorodifluoromethane	BQL	50.0	2.54	10	5/8/2008	
Diisopropyl ether (DIPE)	BQL	10.0	0.850	10	5/8/2008	
Ethylbenzene	BQL	10.0	1.11	10	5/8/2008	
Hexachlorobutadiene	BQL	10.0	2.29	10	5/8/2008	
2-Hexanone	BQL	50.0	8.70	10	5/8/2008	
Iodomethane	BQL	10.0	0.790	10	5/8/2008	
Isopropylbenzene	BQL	10.0	1.27	10	5/8/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: OW-2i
Client Project ID: AD&F
Lab Sample ID: G563-208-11B
Lab Project ID: G563-208

Analyzed By: MJC
Date Collected: 4/30/2008 9:00
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	10.0	1.24	10	5/8/2008	
Methylene chloride	BQL	50.0	1.99	10	5/8/2008	
4-Methyl-2-pentanone	BQL	50.0	10.4	10	5/8/2008	
Methyl-tert-butyl ether (MTBE)	BQL	10.0	1.38	10	5/8/2008	
Naphthalene	BQL	10.0	1.73	10	5/8/2008	
n-Propyl benzene	BQL	10.0	1.20	10	5/8/2008	
Styrene	BQL	10.0	1.09	10	5/8/2008	
1,1,1,2-Tetrachloroethane	BQL	10.0	1.25	10	5/8/2008	
1,1,2,2-Tetrachloroethane	BQL	10.0	1.87	10	5/8/2008	
Tetrachloroethene	**265**	10.0	1.12	10	5/8/2008	
Toluene	BQL	10.0	0.910	10	5/8/2008	
1,2,3-Trichlorobenzene	BQL	10.0	1.76	10	5/8/2008	
1,2,4-Trichlorobenzene	BQL	10.0	0.720	10	5/8/2008	
Trichloroethene	**8.50**	10.0	0.870	10	5/8/2008	J
1,1,1-Trichloroethane	BQL	10.0	1.11	10	5/8/2008	
1,1,2-Trichloroethane	BQL	10.0	1.75	10	5/8/2008	
Trichlorofluoromethane	BQL	10.0	2.47	10	5/8/2008	
1,2,3-Trichloropropane	BQL	10.0	2.03	10	5/8/2008	
1,2,4-Trimethylbenzene	BQL	10.0	1.21	10	5/8/2008	
1,3,5-Trimethylbenzene	BQL	10.0	1.06	10	5/8/2008	
Vinyl chloride	BQL	10.0	3.05	10	5/8/2008	
m-,p-Xylene	BQL	20.0	2.15	10	5/8/2008	
o-Xylene	BQL	10.0	1.10	10	5/8/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.62	96
Toluene-d8	10	9.73	97
4-Bromofluorobenzene	10	9.67	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-2s
Client Project ID: AD&F
Lab Sample ID: G563-208-12A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 18:15
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**2.17**	25.0	1.09	1	5/5/2008	J
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	BQL	1.00	0.121	1	5/5/2008	
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/5/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-2s
Client Project ID: AD&F
Lab Sample ID: G563-208-12A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 18:15
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	BQL	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/5/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	**0.450**	1.00	0.247	1	5/5/2008	J
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.9	99
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.5	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12s
Client Project ID: AD&F
Lab Sample ID: G563-208-13A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 19:45
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	**0.400**	1.00	0.121	1	5/5/2008	J
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/5/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12s
Client Project ID: AD&F
Lab Sample ID: G563-208-13A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 19:45
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	**5.03**	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/5/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	10.4	104
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12i
Client Project ID: AD&F
Lab Sample ID: G563-208-14B
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 19:15
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/6/2008	
Benzene	BQL	1.00	0.0800	1	5/6/2008	
Bromobenzene	BQL	1.00	0.143	1	5/6/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/6/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/6/2008	
Bromoform	BQL	1.00	0.275	1	5/6/2008	
Bromomethane	BQL	1.00	0.261	1	5/6/2008	
2-Butanone	BQL	25.0	1.53	1	5/6/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/6/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/6/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/6/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/6/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/6/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Chloroethane	BQL	1.00	0.568	1	5/6/2008	
Chloroform	BQL	1.00	0.121	1	5/6/2008	
Chloromethane	BQL	1.00	0.206	1	5/6/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/6/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/6/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/6/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/6/2008	
Dibromomethane	BQL	1.00	0.199	1	5/6/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/6/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/6/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/6/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/6/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/6/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/6/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/6/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/6/2008	
cis-1,2-Dichloroethene	**5.13**	1.00	0.0350	1	5/6/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/6/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/6/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/6/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/6/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/6/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/6/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/6/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/6/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/6/2008	
2-Hexanone	BQL	5.00	0.870	1	5/6/2008	
Iodomethane	BQL	1.00	0.0790	1	5/6/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/6/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12i
Client Project ID: AD&F
Lab Sample ID: G563-208-14B
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/29/2008 19:15
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/6/2008	
Methylene chloride	BQL	5.00	0.199	1	5/6/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/6/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/6/2008	
Naphthalene	BQL	1.00	0.173	1	5/6/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/6/2008	
Styrene	BQL	1.00	0.109	1	5/6/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/6/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/6/2008	
Tetrachloroethene	**35.3**	1.00	0.112	1	5/6/2008	
Toluene	BQL	1.00	0.0910	1	5/6/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/6/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Trichloroethene	**1.92**	1.00	0.0870	1	5/6/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/6/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/6/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/6/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/6/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/6/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/6/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/6/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/6/2008	
o-Xylene	BQL	1.00	0.110	1	5/6/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.98	100
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-13s
Client Project ID: AD&F
Lab Sample ID: G563-208-15A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/30/2008 9:30
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	200	8.72	8	5/6/2008	
Benzene	BQL	8.00	0.640	8	5/6/2008	
Bromobenzene	BQL	8.00	1.14	8	5/6/2008	
Bromochloromethane	BQL	8.00	2.09	8	5/6/2008	
Bromodichloromethane	BQL	8.00	1.17	8	5/6/2008	
Bromoform	BQL	8.00	2.20	8	5/6/2008	
Bromomethane	BQL	8.00	2.09	8	5/6/2008	
2-Butanone	BQL	200	12.2	8	5/6/2008	
n-Butylbenzene	BQL	8.00	0.840	8	5/6/2008	
sec-Butylbenzene	BQL	8.00	0.936	8	5/6/2008	
tert-Butylbenzene	BQL	8.00	1.02	8	5/6/2008	
Carbon disulfide	BQL	8.00	0.504	8	5/6/2008	
Carbon tetrachloride	BQL	8.00	0.816	8	5/6/2008	
Chlorobenzene	BQL	8.00	0.576	8	5/6/2008	
Chloroethane	BQL	8.00	4.54	8	5/6/2008	
Chloroform	BQL	8.00	0.968	8	5/6/2008	
Chloromethane	BQL	8.00	1.65	8	5/6/2008	
2-Chlorotoluene	BQL	8.00	0.880	8	5/6/2008	
4-Chlorotoluene	BQL	8.00	0.856	8	5/6/2008	
Dibromochloromethane	BQL	8.00	0.992	8	5/6/2008	
1,2-Dibromo-3-chloropropane	BQL	40.0	7.20	8	5/6/2008	
Dibromomethane	BQL	8.00	1.59	8	5/6/2008	
1,2-Dibromoethane (EDB)	BQL	8.00	0.960	8	5/6/2008	
1,2-Dichlorobenzene	BQL	8.00	0.928	8	5/6/2008	
1,3-Dichlorobenzene	BQL	8.00	1.38	8	5/6/2008	
1,4-Dichlorobenzene	BQL	8.00	1.26	8	5/6/2008	
trans-1,4-Dichloro-2-butene	BQL	40.0	6.32	8	5/6/2008	
1,1-Dichloroethane	BQL	8.00	0.704	8	5/6/2008	
1,1-Dichloroethene	BQL	8.00	1.63	8	5/6/2008	
1,2-Dichloroethane	BQL	8.00	1.06	8	5/6/2008	
cis-1,2-Dichloroethene	**54.0**	8.00	0.280	8	5/6/2008	
trans-1,2-dichloroethene	BQL	8.00	1.26	8	5/6/2008	
1,2-Dichloropropane	BQL	8.00	0.768	8	5/6/2008	
1,3-Dichloropropane	BQL	8.00	1.30	8	5/6/2008	
2,2-Dichloropropane	BQL	8.00	1.45	8	5/6/2008	
1,1-Dichloropropene	BQL	8.00	0.968	8	5/6/2008	
cis-1,3-Dichloropropene	BQL	8.00	0.968	8	5/6/2008	
trans-1,3-Dichloropropene	BQL	8.00	0.872	8	5/6/2008	
Dichlorodifluoromethane	BQL	40.0	2.03	8	5/6/2008	
Diisopropyl ether (DIPE)	BQL	8.00	0.680	8	5/6/2008	
Ethylbenzene	BQL	8.00	0.888	8	5/6/2008	
Hexachlorobutadiene	BQL	8.00	1.83	8	5/6/2008	
2-Hexanone	BQL	40.0	6.96	8	5/6/2008	
Iodomethane	BQL	8.00	0.632	8	5/6/2008	
Isopropylbenzene	BQL	8.00	1.02	8	5/6/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-13s
Client Project ID: AD&F
Lab Sample ID: G563-208-15A
Lab Project ID: G563-208

Analyzed By: CLP
Date Collected: 4/30/2008 9:30
Date Received: 5/1/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	8.00	0.992	8	5/6/2008	
Methylene chloride	**31.3**	40.0	1.59	8	5/6/2008	J
4-Methyl-2-pentanone	BQL	40.0	8.32	8	5/6/2008	
Methyl-tert-butyl ether (MTBE)	BQL	8.00	1.10	8	5/6/2008	
Naphthalene	BQL	8.00	1.38	8	5/6/2008	
n-Propyl benzene	BQL	8.00	0.960	8	5/6/2008	
Styrene	BQL	8.00	0.872	8	5/6/2008	
1,1,1,2-Tetrachloroethane	BQL	8.00	1.00	8	5/6/2008	
1,1,2,2-Tetrachloroethane	BQL	8.00	1.50	8	5/6/2008	
Tetrachloroethene	**384**	8.00	0.896	8	5/6/2008	
Toluene	BQL	8.00	0.728	8	5/6/2008	
1,2,3-Trichlorobenzene	BQL	8.00	1.41	8	5/6/2008	
1,2,4-Trichlorobenzene	BQL	8.00	0.576	8	5/6/2008	
Trichloroethene	**6.16**	8.00	0.696	8	5/6/2008	J
1,1,1-Trichloroethane	BQL	8.00	0.888	8	5/6/2008	
1,1,2-Trichloroethane	BQL	8.00	1.40	8	5/6/2008	
Trichlorofluoromethane	BQL	8.00	1.98	8	5/6/2008	
1,2,3-Trichloropropane	BQL	8.00	1.62	8	5/6/2008	
1,2,4-Trimethylbenzene	BQL	8.00	0.968	8	5/6/2008	
1,3,5-Trimethylbenzene	BQL	8.00	0.848	8	5/6/2008	
Vinyl chloride	BQL	8.00	2.44	8	5/6/2008	
m-,p-Xylene	BQL	16.0	1.72	8	5/6/2008	
o-Xylene	BQL	8.00	0.880	8	5/6/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3050508B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/5/2008	
Benzene	BQL	1.00	0.0800	1	5/5/2008	
Bromobenzene	BQL	1.00	0.143	1	5/5/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/5/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/5/2008	
Bromoform	BQL	1.00	0.275	1	5/5/2008	
Bromomethane	BQL	1.00	0.261	1	5/5/2008	
2-Butanone	BQL	25.0	1.53	1	5/5/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/5/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/5/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/5/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/5/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/5/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Chloroethane	BQL	1.00	0.568	1	5/5/2008	
Chloroform	BQL	1.00	0.121	1	5/5/2008	
Chloromethane	BQL	1.00	0.206	1	5/5/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/5/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/5/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/5/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/5/2008	
Dibromomethane	BQL	1.00	0.199	1	5/5/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/5/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/5/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/5/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/5/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/5/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/5/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/5/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/5/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/5/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/5/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/5/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/5/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/5/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/5/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/5/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/5/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/5/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/5/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/5/2008	
2-Hexanone	BQL	5.00	0.870	1	5/5/2008	
Iodomethane	BQL	1.00	0.0790	1	5/5/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/5/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3050508B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/5/2008	
Methylene chloride	BQL	5.00	0.199	1	5/5/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/5/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/5/2008	
Naphthalene	BQL	1.00	0.173	1	5/5/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/5/2008	
Styrene	BQL	1.00	0.109	1	5/5/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/5/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/5/2008	
Tetrachloroethene	BQL	1.00	0.112	1	5/5/2008	
Toluene	BQL	1.00	0.0910	1	5/5/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/5/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/5/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/5/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/5/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/5/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/5/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/5/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/5/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/5/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/5/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/5/2008	
o-Xylene	BQL	1.00	0.110	1	5/5/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.7	107

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS3050508A — ilename: 0505304.D — Date Analyzed: 05/05/08 10:54

LCSD: LCS3050508B — ilename: 0505305.D — Date Analyzed: 05/05/08 11:24

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	25.0	25.3	101	25.0	23.9	95.8	5.64	30	23.5-141
acrolein	125	152	121	125	149	119	1.81	30	31.4-182
acrylonitrile	125	137	110	125	129	103	6.21	30	64.2-140
benzene	5.00	5.30	106	5.00	5.21	104	1.90	30	76.6-120
bromobenzene	5.00	4.69	93.8	5.00	4.71	94.2	0.426	30	75.0-122
bromochloromethane	5.00	5.75	115	5.00	5.52	110	4.08	30	74.8-127
bromodichloromethane	5.00	5.39	108	5.00	5.13	103	4.94	30	76.4-117
bromoform	5.00	4.85	97.0	5.00	4.93	98.6	1.64	30	62.4-127
bromomethane	5.00	4.86	97.2	5.00	4.91	98.2	1.02	30	34.2-166
2-butanone	25.0	27.9	112	25.0	26.6	106	4.80	30	44.9-126
n-butylbenzene	5.00	4.71	94.2	5.00	4.58	91.6	2.80	30	72.0-122
sec-butylbenzene	5.00	4.76	95.2	5.00	4.58	91.6	3.85	30	78.3-116
tert-butylbenzene	5.00	4.26	85.2	5.00	4.12	82.4	3.34	30	53.1-148
Carbon disulfide	5.00	5.10	102	5.00	4.99	99.8	2.18	30	69.0-118
carbon tetrachloride	5.00	5.59	112	5.00	5.38	108	3.83	30	71.7-124
chlorobenzene	5.00	4.72	94.4	5.00	4.59	91.8	2.79	30	75.5-116
chloroethane	5.00	5.61	112	5.00	5.43	108	3.26	30	78.2-138
2-chloroethyl vinyl ether	125	156	124	125	146	116	6.58	30	5.57-235
chloroform	5.00	5.33	107	5.00	5.14	103	3.63	30	80.6-117
chloromethane	5.00	5.61	112	5.00	5.65	113	0.710	30	72.6-127
2-chlorotoluene	5.00	4.68	93.6	5.00	4.45	89.0	5.04	30	81.4-117
4-chlorotoluene	5.00	4.85	97.0	5.00	4.61	92.2	5.07	30	82.1-116
dibromochloromethane	5.00	5.01	100	5.00	4.84	96.8	3.45	30	73.1-117
1,2-dibromo-3-chloropropane	25.0	25.0	99.8	25.0	22.3	89.2	11.2	30	58.0-133
1,2-dibromomethane	5.00	4.98	99.6	5.00	4.95	99.0	0.604	30	75.5-118
dibromomethane	5.00	5.50	110	5.00	5.40	108	1.83	30	77.3-124
1,2-dichlorobenzene	5.00	4.80	96.0	5.00	4.50	90.0	6.45	30	76.3-115
1,3-dichlorobenzene	5.00	4.67	93.4	5.00	4.59	91.8	1.73	30	79.1-114
1,4-dichlorobenzene	5.00	4.69	93.8	5.00	4.59	91.8	2.16	30	76.8-115
trans-1,4-Dichloro-2-butene	25.0	24.6	98.3	25.0	23.0	92.0	6.68	30	52.3-130
dichlorodifluoromethane	5.00	5.74	115	5.00	5.69	114	0.875	30	69.8-134
1,1-dichloroethane	5.00	5.33	107	5.00	5.09	102	4.61	30	78.0-120
1,2-dichloroethane	5.00	5.54	111	5.00	5.27	105	5.00	30	72.8-126
1,1-dichloroethene	5.00	4.96	99.2	5.00	5.15	103	3.76	30	74.6-121
cis-1,2-dichloroethene	5.00	5.45	109	5.00	5.35	107	1.85	30	78.0-121
trans-1,2-dichloroethene	5.00	4.96	99.2	5.00	5.15	103	3.76	30	60.7-144
1,2-dichloropropane	5.00	5.64	113	5.00	5.29	106	6.40	30	75.8-119
1,3-dichloropropane	5.00	4.94	98.8	5.00	4.88	97.6	1.22	30	78.5-113
2,2-dichloropropane	5.00	5.60	112	5.00	5.34	107	4.75	30	75.6-130
1,1-dichloropropene	5.00	5.64	113	5.00	5.47	109	3.06	30	79.7-117
cis-1,3-dichloropropene	5.00	5.49	110	5.00	5.30	106	3.52	30	79.8-113

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 0 out of 144 outside of limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Lab Code: NC00919

Dilution: 1

Matrix: Water

LCS: LCS3050508A Filename: 0505304.D Date Analyzed: 05/05/08 10:54

LCSD: LCS3050508B Filename: 0505305.D Date Analyzed: 05/05/08 11:24

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	5.00	5.49	110	5.00	5.30	106	3.52	30	79.0-113
Diisopropyl ether	5.00	5.08	102	5.00	4.91	98.2	3.40	30	71.8-115
ethylbenzene	5.00	4.66	93.2	5.00	4.43	88.6	5.06	30	80.5-115
hexachlorobutadiene	5.00	4.53	90.6	5.00	4.81	96.2	6.00	30	63.3-139
2-hexanone	25.0	23.1	92.3	25.0	22.4	89.7	2.86	30	46.8-123
Iodomethane	5.00	4.08	81.6	5.00	4.05	81.0	0.738	30	29.3-156
isopropylbenzene	5.00	4.83	96.6	5.00	4.55	91.0	5.97	30	81.6-114
4-isopropyltoluene	5.00	4.67	93.4	5.00	4.65	93.0	0.429	30	78.4-119
Methyl-tert-butyl ether	5.00	5.31	106	5.00	5.08	102	4.43	30	76.0-114
methylene chloride	5.00	5.26	105	5.00	4.98	99.6	5.47	30	72.9-120
4-methyl-2-pentanone	25.0	25.6	102	25.0	24.8	99.3	3.13	30	56.2-124
naphthalene	5.00	4.83	96.6	5.00	4.59	91.8	5.10	30	24.8-182
n-propyl benzene	5.00	4.81	96.2	5.00	4.56	91.2	5.34	30	79.0-116
styrene	5.00	4.52	90.4	5.00	4.35	87.0	3.83	30	64.8-132
1,1,1,2-tetrachloroethane	5.00	4.94	98.8	5.00	4.81	96.2	2.67	30	78.8-118
1,1,2,2-tetrachloroethane	5.00	4.90	98.0	5.00	4.59	91.8	6.53	30	69.7-119
tetrachloroethene	5.00	4.43	88.6	5.00	4.45	89.0	0.450	30	55.3-144
toluene	5.00	5.22	104	5.00	5.02	100	3.92	30	78.6-117
1,2,3-trichlorobenzene	5.00	4.75	95.0	5.00	4.63	92.6	2.56	30	20.8-193
1,2,4-trichlorobenzene	5.00	4.63	92.6	5.00	4.64	92.8	0.216	30	47.9-150
1,1,1-trichloroethane	5.00	5.55	111	5.00	5.54	111	0.180	30	78.8-120
1,1,2-trichloroethane	5.00	4.74	94.8	5.00	4.62	92.4	2.56	30	73.6-117
trichloroethene	5.00	5.52	110	5.00	5.30	106	3.70	30	80.1-116
trichlorofluoromethane	5.00	5.76	115	5.00	5.52	110	4.26	30	80.5-130
1,2,3-trichloropropane	5.00	4.87	97.4	5.00	4.86	97.2	0.206	30	35.6-152
1,2,4-trimethylbenzene	5.00	4.64	92.8	5.00	4.56	91.2	1.74	30	77.0-116
1,3,5-trimethylbenzene	5.00	4.67	93.4	5.00	4.57	91.4	2.16	30	79.4-114
Vinyl acetate	12.5	8.94	71.5	12.5	8.63	69.0	3.53	30	60.7-127
vinyl chloride	5.00	5.19	104	5.00	5.06	101	2.54	30	77.5-126
m/p-xylene	10.0	9.33	93.3	10.0	9.09	90.9	2.60	30	82.9-112
o-xylene	5.00	4.67	93.4	5.00	4.62	92.4	1.08	30	81.3-113

System Monitoring Compound Results

		LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	10.18	102	10	10.51	105	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	10.55	105	10	10.48	105	63.5-140
2037-26-5	Toluene-d8	10	10.21	102	10	10.24	102	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 0 out of 144 outside of limits

COMMENTS:

Analyst: CP

Reviewed by: [illegible]

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD3

Lab Code: NC00919 — Batch: 3050508

EPA Sample No.: g563-208-8a, g563-208-8a, g563-208-8a — Dilution: 10

Filenames: 0505320.D, 0505322.D, 0505323.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	250	230	92.0*	250	247	98.7*	7.05	30	17.7-85.2
acrolein	BQL	1250	1430	114	1250	1630	131	13.4	30	0.00-424
acrylonitrile	BQL	1250	1330	106	1250	1410	113	5.65	30	85.0-175
benzene	BQL	50.0	52.1	104	50.0	52.1	104	0.00	30	61.6-135
bromobenzene	BQL	50.0	46.6	93.2	50.0	46.0	92.0	1.30	30	65.1-125
bromochloromethane	BQL	50.0	54.5	109	50.0	55.2	110	1.28	30	75.5-126
bromodichloromethane	BQL	50.0	51.3	103	50.0	53.6	107	4.38	30	74.3-123
bromoform	BQL	50.0	47.9	95.8	50.0	48.1	96.2	0.417	30	52.3-122
bromomethane	BQL	50.0	44.7	89.4	50.0	47.0	94.0	5.02	30	10.0-284
2-butanone	BQL	250	261	104	250	269	108*	3.01	30	36.1-107
n-butylbenzene	BQL	50.0	45.7	91.4	50.0	45.3	90.6	0.879	30	70.2-124
sec-butylbenzene	BQL	50.0	45.5	91.0	50.0	45.9	91.8	0.875	30	62.0-133
tert-butylbenzene	BQL	50.0	41.3	82.6	50.0	41.2	82.4	0.242	30	73.5-121
Carbon disulfide	BQL	50.0	49.5	99.0	50.0	49.5	99.0	0.00	30	68.8-129
carbon tetrachloride	BQL	50.0	52.6	105	50.0	53.6	107	1.88	30	71.8-122
chlorobenzene	BQL	50.0	46.4	92.8	50.0	45.8	91.6	1.30	30	77.2-118
chloroethane	BQL	50.0	57.0	114	50.0	56.5	113	0.881	30	10.0-233
2-chloroethyl vinyl ether	BQL	125	0.00	0.00*	125	0.00	0.00*	--	30	16.7-283
chloroform	BQL	50.0	51.0	102	50.0	51.6	103	1.17	30	74.0-128
chloromethane	BQL	50.0	56.4	113	50.0	56.5	113	0.177	30	72.0-138
2-chlorotoluene	BQL	50.0	45.6	91.2	50.0	47.2	94.4	3.45	30	79.3-118
4-chlorotoluene	BQL	50.0	47.0	94.0	50.0	45.6	91.2	3.02	30	76.8-120
dibromochloromethane	BQL	50.0	47.7	95.4	50.0	49.3	98.6	3.30	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	250	230	92.0	250	240	96.2	4.38	30	20.2-171
1,2-dibromomethane	BQL	50.0	49.6	99.2	50.0	49.1	98.2	1.01	30	78.5-123
dibromomethane	BQL	50.0	51.1	102	50.0	54.1	108	5.70	30	71.3-137
1,2-dichlorobenzene	BQL	50.0	46.5	93.0	50.0	45.8	91.6	1.52	30	75.1-120
1,3-dichlorobenzene	BQL	50.0	46.3	92.6	50.0	46.7	93.4	0.860	30	73.1-121
1,4-dichlorobenzene	BQL	50.0	45.3	90.6	50.0	45.4	90.8	0.220	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	250	223	89.1	250	239	95.5	6.98	30	25.7-149
dichlorodifluoromethane	BQL	50.0	56.6	113	50.0	54.6	109	3.60	30	41.7-166
1,1-dichloroethane	BQL	50.0	51.7	103	50.0	53.5	107	3.42	30	75.6-128
1,2-dichloroethane	BQL	50.0	55.0	110	50.0	55.0	110	0.00	30	71.1-127
1,1-dichloroethene	BQL	50.0	51.5	103	50.0	50.0	100	2.96	30	64.4-130
cis-1,2-dichloroethene	31.5	50.0	55.5	111	50.0	56.2	112	1.25	30	72.7-134
trans-1,2-dichloroethene	BQL	50.0	51.5	103	50.0	50.0	100	2.96	30	74.6-124
1,2-dichloropropane	BQL	50.0	52.8	106	50.0	53.8	108	1.88	30	76.5-129
1,3-dichloropropane	BQL	50.0	48.2	96.4	50.0	50.2	100	4.06	30	79.1-121
2,2-dichloropropane	BQL	50.0	51.9	104	50.0	52.6	105	1.34	30	31.5-157
1,1-dichloropropene	BQL	50.0	52.7	105	50.0	53.9	108	2.25	30	72.5-120
cis-1,3-dichloropropene	BQL	50.0	53.3	106	50.0	53.9	108	1.12	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD3

Lab Code: NC00919 — Batch: 3050508

EPA Sample No.: g563-208-8a, g563-208-8a, g563-208-8a — Dilution: 10

Filenames: 0505320.D, 0505322.D, 0505323.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	50.0	53.3	106	50.0	53.9	108	1.12	30	44.7-144
Diisopropyl ether	BQL	50.0	50.2	100	50.0	51.8	104	3.14	30	79.4-122
ethylbenzene	BQL	50.0	45.2	90.4	50.0	45.3	90.6	0.221	30	73.8-126
hexachlorobutadiene	BQL	50.0	41.6	83.2	50.0	44.5	89.0	6.74	30	51.8-134
2-hexanone	BQL	250	233	93.4	250	239	95.5	2.29	30	41.6-111
Iodomethane	BQL	50.0	39.9	79.8	50.0	42.9	85.8	7.25	30	40.6-126
isopropylbenzene	BQL	50.0	44.8	89.6	50.0	45.4	90.8	1.33	30	74.3-123
4-isopropyltoluene	BQL	50.0	46.3	92.6	50.0	46.4	92.8	0.216	30	74.6-122
Methyl-tert-butyl ether	BQL	50.0	52.1	104	50.0	54.0	108	3.58	30	66.5-136
methylene chloride	BQL	50.0	51.1	102	50.0	51.7	103	1.17	30	48.6-155
4-methyl-2-pentanone	BQL	250	257	103	250	272	109	5.75	30	6.88-166
naphthalene	BQL	50.0	41.5	83.0	50.0	47.2	94.4	12.8	30	55.1-140
n-propyl benzene	BQL	50.0	44.7	89.4	50.0	45.3	90.6	1.33	30	71.6-128
styrene	BQL	50.0	44.5	89.0	50.0	44.7	89.4	0.448	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	50.0	49.0	98.0	50.0	47.5	95.0	3.11	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	50.0	47.3	94.6	50.0	48.0	96.0	1.47	30	75.7-136
tetrachloroethene	112	50.0	51.4	103	50.0	46.6	93.2	9.80	30	45.8-153
toluene	BQL	50.0	50.4	101	50.0	50.9	102	0.987	30	66.4-128
1,2,3-trichlorobenzene	BQL	50.0	41.3	82.6	50.0	45.3	90.6	9.24	30	61.0-126
1,2,4-trichlorobenzene	BQL	50.0	41.7	83.4	50.0	46.1	92.2	10.0	30	60.6-125
1,1,1-trichloroethane	BQL	50.0	53.8	108	50.0	53.8	108	0.00	30	78.4-121
1,1,2-trichloroethane	BQL	50.0	44.8	89.6	50.0	45.5	91.0	1.55	30	64.8-128
trichloroethene	10.1	50.0	54.0	108	50.0	53.8	108	0.371	30	84.9-136
trichlorofluoromethane	BQL	50.0	57.0	114	50.0	56.2	112	1.41	30	76.8-132
1,2,3-trichloropropane	BQL	50.0	47.4	94.8	50.0	48.6	97.2	2.50	30	10.0-218
1,2,4-trimethylbenzene	BQL	50.0	45.1	90.2	50.0	45.2	90.4	0.221	30	31.0-172
1,3,5-trimethylbenzene	BQL	50.0	44.7	89.4	50.0	45.6	91.2	1.99	30	67.7-132
Vinyl acetate	BQL	125	85.1	68.1	125	86.8	69.4	1.98	30	0.00-355
vinyl chloride	BQL	50.0	51.1	102	50.0	50.9	102	0.392	30	68.1-137
m/p-xylene	BQL	100	90.6	90.6	100	91.5	91.5	0.988	30	79.8-118
o-xylene	BQL	50.0	45.4	90.8	50.0	46.8	93.6	3.04	30	80.0-121

System Monitoring Compound Results

		MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	10.44	104	10	10.33	103	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	10.3	103	10	10.44	104	63.5-140
2037-26-5	Toluene-d8	10	10.04	100	10	10.11	101	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 0 failure(s) out of 72. MSD Spike Recovery: 0 failure(s) out of 72.

RPD: 1 out of 72 outside of limits

COMMENTS:

Analyst: Reviewed by:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3050608B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/6/2008	
Benzene	BQL	1.00	0.0800	1	5/6/2008	
Bromobenzene	BQL	1.00	0.143	1	5/6/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/6/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/6/2008	
Bromoform	BQL	1.00	0.275	1	5/6/2008	
Bromomethane	BQL	1.00	0.261	1	5/6/2008	
2-Butanone	BQL	25.0	1.53	1	5/6/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/6/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/6/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/6/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/6/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/6/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Chloroethane	BQL	1.00	0.568	1	5/6/2008	
Chloroform	BQL	1.00	0.121	1	5/6/2008	
Chloromethane	BQL	1.00	0.206	1	5/6/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/6/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/6/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/6/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/6/2008	
Dibromomethane	BQL	1.00	0.199	1	5/6/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/6/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/6/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/6/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/6/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/6/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/6/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/6/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/6/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/6/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/6/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/6/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/6/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/6/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/6/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/6/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/6/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/6/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/6/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/6/2008	
2-Hexanone	BQL	5.00	0.870	1	5/6/2008	
Iodomethane	BQL	1.00	0.0790	1	5/6/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/6/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK3050608B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/6/2008	
Methylene chloride	BQL	5.00	0.199	1	5/6/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/6/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/6/2008	
Naphthalene	BQL	1.00	0.173	1	5/6/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/6/2008	
Styrene	BQL	1.00	0.109	1	5/6/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/6/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/6/2008	
Tetrachloroethene	BQL	1.00	0.112	1	5/6/2008	
Toluene	BQL	1.00	0.0910	1	5/6/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/6/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/6/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/6/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/6/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/6/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/6/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/6/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/6/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/6/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/6/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/6/2008	
o-Xylene	BQL	1.00	0.110	1	5/6/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.81	98
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	10.5	105

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS3050608A — ilename: 0506305.D — Date Analyzed: 05/06/08 10:03

LCSD: LCS3050608B — ilename: 0506306.D — Date Analyzed: 05/06/08 11:36

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	25.0	21.2	85.0	25.0	20.9	83.5	1.71	30	23.5-141
acrolein	125	144	115	125	147	117	1.95	30	31.4-182
acrylonitrile	125	122	98.0	125	128	102	4.26	30	64.2-140
benzene	5.00	4.83	96.6	5.00	4.94	98.8	2.25	30	76.6-120
bromobenzene	5.00	4.29	85.8	5.00	4.30	86.0	0.233	30	75.0-122
bromochloromethane	5.00	4.95	99.0	5.00	5.09	102	2.79	30	74.8-127
bromodichloromethane	5.00	4.72	94.4	5.00	4.81	96.2	1.89	30	76.4-117
bromoform	5.00	4.18	83.6	5.00	4.05	81.0	3.16	30	62.4-127
bromomethane	5.00	4.48	89.6	5.00	5.62	112	22.6	30	34.2-166
2-butanone	25.0	27.6	110	25.0	21.8	87.0	23.6	30	44.9-126
n-butylbenzene	5.00	4.09	81.8	5.00	4.38	87.6	6.85	30	72.0-122
sec-butylbenzene	5.00	4.19	83.8	5.00	4.50	90.0	7.13	30	78.3-116
tert-butylbenzene	5.00	3.95	79.0	5.00	3.91	78.2	1.02	30	53.1-148
Carbon disulfide	5.00	4.60	92.0	5.00	4.86	97.2	5.50	30	69.0-118
carbon tetrachloride	5.00	5.02	100	5.00	5.13	103	2.17	30	71.7-124
chlorobenzene	5.00	4.24	84.8	5.00	4.50	90.0	5.95	30	75.5-116
chloroethane	5.00	5.18	104	5.00	6.08	122	16.0	30	78.2-138
2-chloroethyl vinyl ether	125	128	103	125	141	113	9.18	30	5.57-235
chloroform	5.00	4.78	95.6	5.00	4.82	96.4	0.833	30	80.6-117
chloromethane	5.00	5.08	102	5.00	5.94	119	15.6	30	72.6-127
2-chlorotoluene	5.00	4.08	81.6	5.00	4.38	87.6	7.09	30	81.4-117
4-chlorotoluene	5.00	4.28	85.6	5.00	4.44	88.8	3.67	30	82.1-116
dibromochloromethane	5.00	4.30	86.0	5.00	4.24	84.8	1.40	30	73.1-117
1,2-dibromo-3-chloropropane	25.0	19.6	78.6	25.0	18.7	74.9	4.84	30	58.0-133
1,2-dibromomethane	5.00	4.53	90.6	5.00	4.28	85.6	5.68	30	75.5-118
dibromomethane	5.00	4.93	98.6	5.00	4.62	92.4	6.49	30	77.3-124
1,2-dichlorobenzene	5.00	4.13	82.6	5.00	4.18	83.6	1.20	30	76.3-115
1,3-dichlorobenzene	5.00	4.16	83.2	5.00	4.24	84.8	1.90	30	79.1-114
1,4-dichlorobenzene	5.00	4.12	82.4	5.00	4.14	82.8	0.484	30	76.8-115
trans-1,4-Dichloro-2-butene	25.0	20.7	82.9	25.0	19.1	76.5	8.08	30	52.3-130
dichlorodifluoromethane	5.00	5.15	103	5.00	5.99	120	15.1	30	69.8-134
1,1-dichloroethane	5.00	4.77	95.4	5.00	4.90	98.0	2.69	30	78.0-120
1,2-dichloroethane	5.00	5.04	101	5.00	4.87	97.4	3.43	30	72.8-126
1,1-dichloroethene	5.00	4.70	94.0	5.00	4.94	98.8	4.98	30	74.6-121
cis-1,2-dichloroethene	5.00	4.95	99.0	5.00	5.19	104	4.73	30	78.0-121
trans-1,2-dichloroethene	5.00	4.70	94.0	5.00	4.94	98.8	4.98	30	60.7-144
1,2-dichloropropane	5.00	4.81	96.2	5.00	4.84	96.8	0.622	30	75.8-119
1,3-dichloropropane	5.00	4.46	89.2	5.00	4.41	88.2	1.13	30	78.5-113
2,2-dichloropropane	5.00	5.01	100	5.00	5.05	101	0.795	30	75.6-130
1,1-dichloropropene	5.00	5.00	100	5.00	5.02	100	0.399	30	79.7-117
cis-1,3-dichloropropene	5.00	4.92	98.4	5.00	4.65	93.0	5.64	30	79.8-113

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 1 out of 144 outside of limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS3050608A — ilename: 0506305.D — Date Analyzed: 05/06/08 10:03

LCSD: LCS3050608B — ilename: 0506306.D — Date Analyzed: 05/06/08 11:36

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	5.00	4.92	98.4	5.00	4.65	93.0	5.64	30	79.0-113
Diisopropyl ether	5.00	4.53	90.6	5.00	4.45	89.0	1.78	30	71.8-115
ethylbenzene	5.00	4.10	82.0	5.00	4.24	84.8	3.36	30	80.5-115
hexachlorobutadiene	5.00	4.23	84.6	5.00	4.78	95.6	12.2	30	63.3-139
2-hexanone	25.0	21.2	84.6	25.0	19.3	77.1	9.35	30	46.8-123
Iodomethane	5.00	4.05	81.0	5.00	4.37	87.4	7.60	30	29.3-156
isopropylbenzene	5.00	4.15	83.0	5.00	4.43	88.6	6.53	30	81.6-114
4-isopropyltoluene	5.00	4.28	85.6	5.00	4.50	90.0	5.01	30	78.4-119
Methyl-tert-butyl ether	5.00	4.78	95.6	5.00	4.34	86.8	9.65	30	76.0-114
methylene chloride	5.00	4.79	95.8	5.00	4.71	94.2	1.68	30	72.9-120
4-methyl-2-pentanone	25.0	22.8	91.0	25.0	20.5	82.0	10.4	30	56.2-124
naphthalene	5.00	3.98	79.6	5.00	4.01	80.2	0.751	30	24.8-182
n-propyl benzene	5.00	4.22	84.4	5.00	4.50	90.0	6.42	30	79.0-116
styrene	5.00	4.06	81.2	5.00	4.09	81.8	0.736	30	64.8-132
1,1,1,2-tetrachloroethane	5.00	4.32	86.4	5.00	4.54	90.8	4.97	30	78.8-118
1,1,2,2-tetrachloroethane	5.00	4.40	88.0	5.00	4.10	82.0	7.06	30	69.7-119
tetrachloroethene	5.00	4.07	81.4	5.00	4.27	85.4	4.80	30	55.3-144
toluene	5.00	4.60	92.0	5.00	4.83	96.6	4.88	30	78.6-117
1,2,3-trichlorobenzene	5.00	4.00	80.0	5.00	4.16	83.2	3.92	30	20.8-193
1,2,4-trichlorobenzene	5.00	4.19	83.8	5.00	4.19	83.8	0.00	30	47.9-150
1,1,1-trichloroethane	5.00	5.11	102	5.00	5.20	104	1.74	30	78.8-120
1,1,2-trichloroethane	5.00	4.41	88.2	5.00	4.34	86.8	1.60	30	73.6-117
trichloroethene	5.00	5.02	100	5.00	5.06	101	0.995	30	80.1-116
trichlorofluoromethane	5.00	5.16	103	5.00	6.03	120	15.5	30	80.5-130
1,2,3-trichloropropane	5.00	4.35	87.0	5.00	4.16	83.2	4.46	30	35.6-152
1,2,4-trimethylbenzene	5.00	4.15	83.0	5.00	4.27	85.4	2.85	30	77.0-116
1,3,5-trimethylbenzene	5.00	4.10	82.0	5.00	4.39	87.8	6.83	30	79.4-114
Vinyl acetate	12.5	7.92	63.4	12.5	7.48	59.8*	5.71	30	60.7-127
vinyl chloride	5.00	4.67	93.4	5.00	5.41	108	14.7	30	77.5-126
m/p-xylene	10.0	8.48	84.8	10.0	8.72	87.2	2.79	30	82.9-112
o-xylene	5.00	4.23	84.6	5.00	4.34	86.8	2.57	30	81.3-113

System Monitoring Compound Results

		LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	10.34	103	10	10.45	104	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	10.49	105	10	9.77	97.7	63.5-140
2037-26-5	Toluene-d8	10	10.06	101	10	10.4	104	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 1 out of 144 outside of limits

COMMENTS:

Analyst: DVG

Reviewed by:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD3

Lab Code: NC00919 — Batch: 3050608

EPA Sample No.: g563-208-15a, g563-208-15a, g563-208-15a — Dilution: 8

Filenames: 0506315.D, 0506316.D, 0506317.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	200	152	76.2	200	174	86.9*	13.1	30	17.7-85.2
acrolein	BQL	1000	869	86.9	1000	1090	109	22.3	30	0.00-424
acrylonitrile	BQL	1000	763	76.3*	1000	948	94.8	21.7	30	85.0-175
benzene	BQL	40.0	32.6	81.4	40.0	39.0	97.4	17.9	30	61.6-135
bromobenzene	BQL	40.0	29.0	72.6	40.0	34.1	85.2	16.0	30	65.1-125
bromochloromethane	BQL	40.0	33.8	84.6	40.0	40.2	100	17.1	30	75.5-126
bromodichloromethane	BQL	40.0	32.5	81.2	40.0	38.0	95.0	15.7	30	74.3-123
bromoform	BQL	40.0	29.8	74.4	40.0	35.4	88.4	17.2	30	52.3-122
bromomethane	BQL	40.0	26.3	65.8	40.0	34.7	86.8	27.5	30	10.0-284
2-butanone	BQL	200	166	82.8	200	197	98.3	17.2	30	36.1-107
n-butylbenzene	BQL	40.0	29.4	73.4	40.0	34.7	86.8	16.7	30	70.2-124
sec-butylbenzene	BQL	40.0	29.4	73.4	40.0	34.7	86.8	16.7	30	62.0-133
tert-butylbenzene	BQL	40.0	26.6	66.6*	40.0	30.7	76.8	14.2	30	73.5-121
Carbon disulfide	BQL	40.0	31.5	78.8	40.0	36.5	91.2	14.6	30	68.8-129
carbon tetrachloride	BQL	40.0	34.1	85.2	40.0	39.8	99.4	15.4	30	71.8-122
chlorobenzene	BQL	40.0	29.3	73.2*	40.0	34.2	85.4	15.4	30	77.2-118
chloroethane	BQL	40.0	30.5	76.2	40.0	39.0	97.6	24.6	30	10.0-233
2-chloroethyl vinyl ether	BQL	100	0.00	0.00*	100	0.00	0.00*	--	30	16.7-283
chloroform	BQL	40.0	32.1	80.2	40.0	38.2	95.6	17.5	30	74.0-128
chloromethane	BQL	40.0	31.8	79.4	40.0	39.4	98.6	21.6	30	72.0-138
2-chlorotoluene	BQL	40.0	29.0	72.6*	40.0	34.5	86.2	17.1	30	79.3-118
4-chlorotoluene	BQL	40.0	29.5	73.8*	40.0	34.6	86.6	16.0	30	76.8-120
dibromochloromethane	BQL	40.0	30.6	76.6	40.0	34.4	86.0	11.6	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	200	147	73.7	200	179	89.4	19.2	30	20.2-171
1,2-dibromomethane	BQL	40.0	31.4	78.6	40.0	36.2	90.4	14.0	30	78.5-123
dibromomethane	BQL	40.0	32.8	82.0	40.0	39.8	99.4	19.2	30	71.3-137
1,2-dichlorobenzene	BQL	40.0	29.0	72.6*	40.0	34.6	86.6	17.6	30	75.1-120
1,3-dichlorobenzene	BQL	40.0	30.5	76.2	40.0	34.2	85.4	11.4	30	73.1-121
1,4-dichlorobenzene	BQL	40.0	28.7	71.8*	40.0	32.8	82.0	13.3	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	200	145	72.4	200	168	84.0	14.8	30	25.7-149
dichlorodifluoromethane	BQL	40.0	31.1	77.8	40.0	39.4	98.6	23.6	30	41.7-166
1,1-dichloroethane	BQL	40.0	33.4	83.4	40.0	38.5	96.2	14.2	30	75.6-128
1,2-dichloroethane	BQL	40.0	32.9	82.2	40.0	39.0	97.4	16.9	30	71.1-127
1,1-dichloroethene	BQL	40.0	33.0	82.4	40.0	38.0	95.0	14.2	30	64.4-130
cis-1,2-dichloroethene	54.0	40.0	34.7	86.8	40.0	41.8	105	18.6	30	72.7-134
trans-1,2-dichloroethene	BQL	40.0	33.0	82.4	40.0	38.0	95.0	14.2	30	74.6-124
1,2-dichloropropane	BQL	40.0	33.6	84.0	40.0	39.3	98.2	15.6	30	76.5-129
1,3-dichloropropane	BQL	40.0	26.8	67.0*	40.0	34.1	85.2	23.9	30	79.1-121
2,2-dichloropropane	BQL	40.0	34.8	87.0	40.0	39.4	98.6	12.5	30	31.5-157
1,1-dichloropropene	BQL	40.0	34.2	85.4	40.0	39.3	98.2	13.9	30	72.5-120
cis-1,3-dichloropropene	BQL	40.0	34.3	85.8	40.0	39.4	98.4	13.7	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD3

Lab Code: NC00919 — Batch: 3050608

EPA Sample No.: g563-208-15a, g563-208-15a, g563-208-15a — Dilution: 8

Filenames: 0506315.D, 0506316.D, 0506317.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	40.0	34.3	85.8	40.0	39.4	98.4	13.7	30	44.7-144
Diisopropyl ether	BQL	40.0	32.2	80.4	40.0	36.9	92.2	13.7	30	79.4-122
ethylbenzene	BQL	40.0	28.7	71.8*	40.0	33.4	83.6	15.2	30	73.8-126
hexachlorobutadiene	BQL	40.0	28.9	72.2	40.0	32.2	80.4	10.7	30	51.8-134
2-hexanone	BQL	200	149	74.3	200	169	84.3	12.6	30	41.6-111
Iodomethane	BQL	40.0	27.4	68.4	40.0	33.2	83.0	19.3	30	40.6-126
isopropylbenzene	BQL	40.0	29.0	72.6*	40.0	34.1	85.2	16.0	30	74.3-123
4-isopropyltoluene	BQL	40.0	30.2	75.6	40.0	34.8	87.0	14.0	30	74.6-122
Methyl-tert-butyl ether	BQL	40.0	32.6	81.6	40.0	38.6	96.4	16.6	30	66.5-136
methylene chloride	BQL	40.0	13.6	34.0*	40.0	16.7	41.8*	20.6	30	48.6-155
4-methyl-2-pentanone	BQL	200	162	80.9	200	188	94.1	15.1	30	6.88-166
naphthalene	BQL	40.0	27.1	67.8	40.0	33.4	83.6	20.9	30	55.1-140
n-propyl benzene	BQL	40.0	29.0	72.4	40.0	33.9	84.8	15.8	30	71.6-128
styrene	BQL	40.0	28.2	70.4*	40.0	33.2	83.0	16.4	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	40.0	30.9	77.2	40.0	35.4	88.6	13.8	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	40.0	31.1	77.8	40.0	35.4	88.4	12.8	30	75.7-136
tetrachloroethene	384	40.0	49.4	123	40.0	41.2	103	18.0	30	45.8-153
toluene	BQL	40.0	32.7	81.8	40.0	38.7	96.8	16.8	30	66.4-128
1,2,3-trichlorobenzene	BQL	40.0	27.4	68.4	40.0	34.3	85.8	22.6	30	61.0-126
1,2,4-trichlorobenzene	BQL	40.0	28.4	71.0	40.0	34.6	86.4	19.6	30	60.6-125
1,1,1-trichloroethane	BQL	40.0	33.5	83.8	40.0	40.2	100	18.0	30	78.4-121
1,1,2-trichloroethane	BQL	40.0	30.6	76.6	40.0	35.4	88.6	14.5	30	64.8-128
trichloroethene	BQL	40.0	35.0	87.6	40.0	42.1	105	18.2	30	84.9-136
trichlorofluoromethane	BQL	40.0	31.8	79.4	40.0	39.3	98.2	21.2	30	76.8-132
1,2,3-trichloropropane	BQL	40.0	30.3	75.8	40.0	34.5	86.2	12.8	30	10.0-218
1,2,4-trimethylbenzene	BQL	40.0	29.4	73.4	40.0	33.6	84.0	13.5	30	31.0-172
1,3,5-trimethylbenzene	BQL	40.0	28.9	72.2	40.0	33.6	84.0	15.1	30	67.7-132
Vinyl acetate	BQL	100	55.3	55.3	100	62.0	62.0	11.4	30	0.00-355
vinyl chloride	BQL	40.0	28.4	71.0	40.0	36.4	91.0	24.7	30	68.1-137
m/p-xylene	BQL	80.0	58.2	72.8*	80.0	68.5	85.6	16.2	30	79.8-118
o-xylene	BQL	40.0	29.2	73.0*	40.0	34.2	85.4	15.6	30	80.0-121

System Monitoring Compound Results

		MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	10.41	104	10	10.31	103	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	9.98	99.8	10	10.14	101	63.5-140
2037-26-5	Toluene-d8	10	10.16	102	10	10.3	103	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 1 failure(s) out of 72. MSD Spike Recovery: 1 failure(s) out of 72.

RPD: 1 out of 72 outside of limits

COMMENTS:

Analyst: DVG

Reviewed by:

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK8050808B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	25.0	1.09	1	5/8/2008	
Benzene	BQL	1.00	0.0800	1	5/8/2008	
Bromobenzene	BQL	1.00	0.143	1	5/8/2008	
Bromochloromethane	BQL	1.00	0.261	1	5/8/2008	
Bromodichloromethane	BQL	1.00	0.146	1	5/8/2008	
Bromoform	BQL	1.00	0.275	1	5/8/2008	
Bromomethane	BQL	1.00	0.261	1	5/8/2008	
2-Butanone	BQL	25.0	1.53	1	5/8/2008	
n-Butylbenzene	BQL	1.00	0.105	1	5/8/2008	
sec-Butylbenzene	BQL	1.00	0.117	1	5/8/2008	
tert-Butylbenzene	BQL	1.00	0.128	1	5/8/2008	
Carbon disulfide	BQL	1.00	0.0630	1	5/8/2008	
Carbon tetrachloride	BQL	1.00	0.102	1	5/8/2008	
Chlorobenzene	BQL	1.00	0.0720	1	5/8/2008	
Chloroethane	BQL	1.00	0.568	1	5/8/2008	
Chloroform	BQL	1.00	0.121	1	5/8/2008	
Chloromethane	BQL	1.00	0.206	1	5/8/2008	
2-Chlorotoluene	BQL	1.00	0.110	1	5/8/2008	
4-Chlorotoluene	BQL	1.00	0.107	1	5/8/2008	
Dibromochloromethane	BQL	1.00	0.124	1	5/8/2008	
1,2-Dibromo-3-chloropropane	BQL	5.00	0.900	1	5/8/2008	
Dibromomethane	BQL	1.00	0.199	1	5/8/2008	
1,2-Dibromoethane (EDB)	BQL	1.00	0.120	1	5/8/2008	
1,2-Dichlorobenzene	BQL	1.00	0.116	1	5/8/2008	
1,3-Dichlorobenzene	BQL	1.00	0.173	1	5/8/2008	
1,4-Dichlorobenzene	BQL	1.00	0.157	1	5/8/2008	
trans-1,4-Dichloro-2-butene	BQL	5.00	0.790	1	5/8/2008	
1,1-Dichloroethane	BQL	1.00	0.0880	1	5/8/2008	
1,1-Dichloroethene	BQL	1.00	0.204	1	5/8/2008	
1,2-Dichloroethane	BQL	1.00	0.132	1	5/8/2008	
cis-1,2-Dichloroethene	BQL	1.00	0.0350	1	5/8/2008	
trans-1,2-dichloroethene	BQL	1.00	0.158	1	5/8/2008	
1,2-Dichloropropane	BQL	1.00	0.0960	1	5/8/2008	
1,3-Dichloropropane	BQL	1.00	0.162	1	5/8/2008	
2,2-Dichloropropane	BQL	1.00	0.181	1	5/8/2008	
1,1-Dichloropropene	BQL	1.00	0.121	1	5/8/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.121	1	5/8/2008	
trans-1,3-Dichloropropene	BQL	1.00	0.109	1	5/8/2008	
Dichlorodifluoromethane	BQL	5.00	0.254	1	5/8/2008	
Diisopropyl ether (DIPE)	BQL	1.00	0.0850	1	5/8/2008	
Ethylbenzene	BQL	1.00	0.111	1	5/8/2008	
Hexachlorobutadiene	BQL	1.00	0.229	1	5/8/2008	
2-Hexanone	BQL	5.00	0.870	1	5/8/2008	
Iodomethane	BQL	1.00	0.0790	1	5/8/2008	
Isopropylbenzene	BQL	1.00	0.127	1	5/8/2008	

SGS ENVIRONMENTAL SERVICES, INC.

Results for Volatiles
by GCMS 8260B

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK8050808B
Lab Project ID:

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	Quantitation Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
4-Isopropyltoluene	BQL	1.00	0.124	1	5/8/2008	
Methylene chloride	BQL	5.00	0.199	1	5/8/2008	
4-Methyl-2-pentanone	BQL	5.00	1.04	1	5/8/2008	
Methyl-tert-butyl ether (MTBE)	BQL	1.00	0.138	1	5/8/2008	
Naphthalene	BQL	1.00	0.173	1	5/8/2008	
n-Propyl benzene	BQL	1.00	0.120	1	5/8/2008	
Styrene	BQL	1.00	0.109	1	5/8/2008	
1,1,1,2-Tetrachloroethane	BQL	1.00	0.125	1	5/8/2008	
1,1,2,2-Tetrachloroethane	BQL	1.00	0.187	1	5/8/2008	
Tetrachloroethene	BQL	1.00	0.112	1	5/8/2008	
Toluene	BQL	1.00	0.0910	1	5/8/2008	
1,2,3-Trichlorobenzene	BQL	1.00	0.176	1	5/8/2008	
1,2,4-Trichlorobenzene	BQL	1.00	0.0720	1	5/8/2008	
Trichloroethene	BQL	1.00	0.0870	1	5/8/2008	
1,1,1-Trichloroethane	BQL	1.00	0.111	1	5/8/2008	
1,1,2-Trichloroethane	BQL	1.00	0.175	1	5/8/2008	
Trichlorofluoromethane	BQL	1.00	0.247	1	5/8/2008	
1,2,3-Trichloropropane	BQL	1.00	0.203	1	5/8/2008	
1,2,4-Trimethylbenzene	BQL	1.00	0.121	1	5/8/2008	
1,3,5-Trimethylbenzene	BQL	1.00	0.106	1	5/8/2008	
Vinyl chloride	BQL	1.00	0.305	1	5/8/2008	
m-,p-Xylene	BQL	2.00	0.215	1	5/8/2008	
o-Xylene	BQL	1.00	0.110	1	5/8/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.94	99
Toluene-d8	10	9.86	99
4-Bromofluorobenzene	10	9.74	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst:

Reviewed By:

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental
Lab Code: NC00919

Dilution: 1
Matrix: Water

LCS: LCS8050808A Filename: 0508804.D Date Analyzed: 05/08/08 10:05
LCSD: LCS8050808B Filename: 0508805.D Date Analyzed: 05/08/08 10:35

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	25.0	28.3	113	25.0	25.7	103	9.40	30	23.5-141
acrolein	125	137	109	125	132	106	3.31	30	31.4-182
acrylonitrile	125	135	108	125	132	106	1.94	30	64.2-140
benzene	5.00	4.99	99.8	5.00	5.00	100	0.200	30	76.6-120
bromobenzene	5.00	5.10	102	5.00	5.04	101	1.18	30	75.0-122
bromochloromethane	5.00	5.05	101	5.00	4.91	98.2	2.81	30	74.8-127
bromodichloromethane	5.00	5.17	103	5.00	5.16	103	0.194	30	76.4-117
bromoform	5.00	4.71	94.2	5.00	4.63	92.6	1.71	30	62.4-127
bromomethane	5.00	4.49	89.8	5.00	4.44	88.8	1.12	30	34.2-166
2-butanone	25.0	27.4	110	25.0	25.9	104	5.70	30	44.9-126
n-butylbenzene	5.00	5.09	102	5.00	5.05	101	0.789	30	72.0-122
sec-butylbenzene	5.00	5.02	100	5.00	5.02	100	0.00	30	78.3-116
tert-butylbenzene	5.00	4.89	97.8	5.00	4.93	98.6	0.815	30	53.1-148
Carbon disulfide	5.00	5.11	102	5.00	5.06	101	0.983	30	69.0-118
carbon tetrachloride	5.00	5.19	104	5.00	5.29	106	1.91	30	71.7-124
chlorobenzene	5.00	4.86	97.2	5.00	4.81	96.2	1.03	30	75.5-116
chloroethane	5.00	4.82	96.4	5.00	4.79	95.8	0.624	30	78.2-138
2-chloroethyl vinyl ether	125	136	109	125	135	108	1.29	30	5.57-235
chloroform	5.00	5.03	101	5.00	5.09	102	1.18	30	80.6-117
chloromethane	5.00	5.80	116	5.00	5.50	110	5.31	30	72.6-127
2-chlorotoluene	5.00	5.12	102	5.00	5.22	104	1.93	30	81.4-117
4-chlorotoluene	5.00	5.29	106	5.00	5.32	106	0.566	30	82.1-116
dibromochloromethane	5.00	4.89	97.8	5.00	4.85	97.0	0.821	30	73.1-117
1,2-dibromo-3-chloropropane	25.0	26.8	107	25.0	26.5	106	1.16	30	58.0-133
1,2-dibromomethane	5.00	5.09	102	5.00	5.05	101	0.789	30	75.5-118
dibromomethane	5.00	5.31	106	5.00	5.26	105	0.946	30	77.3-124
1,2-dichlorobenzene	5.00	5.22	104	5.00	5.28	106	1.14	30	76.3-115
1,3-dichlorobenzene	5.00	5.13	103	5.00	5.19	104	1.16	30	79.1-114
1,4-dichlorobenzene	5.00	5.23	105	5.00	5.19	104	0.768	30	76.8-115
trans-1,4-Dichloro-2-butene	25.0	24.1	96.5	25.0	24.4	97.7	1.24	30	52.3-130
dichlorodifluoromethane	5.00	5.86	117	5.00	5.65	113	3.65	30	69.8-134
1,1-dichloroethane	5.00	5.06	101	5.00	5.01	100	0.993	30	78.0-120
1,2-dichloroethane	5.00	5.19	104	5.00	5.21	104	0.385	30	72.8-126
1,1-dichloroethene	5.00	5.20	104	5.00	4.89	97.8	6.14	30	74.6-121
cis-1,2-dichloroethene	5.00	5.21	104	5.00	5.14	103	1.35	30	78.0-121
trans-1,2-dichloroethene	5.00	5.20	104	5.00	5.18	104	0.385	30	60.7-144
1,2-dichloropropane	5.00	4.94	98.8	5.00	4.99	99.8	1.01	30	75.8-119
1,3-dichloropropane	5.00	5.05	101	5.00	4.94	98.8	2.20	30	78.5-113
2,2-dichloropropane	5.00	5.38	108	5.00	5.40	108	0.371	30	75.6-130
1,1-dichloropropene	5.00	5.09	102	5.00	5.14	103	0.978	30	79.7-117
cis-1,3-dichloropropene	5.00	5.25	105	5.00	5.22	104	0.573	30	79.8-113

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 0 out of 144 outside of limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Sevices

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Water

LCS: LCS8050808A — Filename: 0508804.D — Date Analyzed: 05/08/08 10:05

LCSD: LCS8050808B — Filename: 0508805.D — Date Analyzed: 05/08/08 10:35

COMPOUND	LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	5.00	5.34	107	5.00	5.30	106	0.752	30	79.0-113
Diisopropyl ether	5.00	5.11	102	5.00	5.10	102	0.196	30	71.8-115
ethylbenzene	5.00	5.11	102	5.00	5.14	103	0.585	30	80.5-115
hexachlorobutadiene	5.00	5.92	118	5.00	5.55	111	6.45	30	63.3-139
2-hexanone	25.0	25.9	103	25.0	24.1	96.2	7.25	30	46.8-123
Iodomethane	5.00	5.36	107	5.00	5.02	100	6.55	30	29.3-156
isopropylbenzene	5.00	4.83	96.6	5.00	4.86	97.2	0.619	30	81.6-114
4-isopropyltoluene	5.00	4.90	98.0	5.00	4.93	98.6	0.610	30	78.4-119
Methyl-tert-butyl ether	5.00	5.26	105	5.00	5.23	105	0.572	30	76.0-114
methylene chloride	5.00	5.21	104	5.00	5.27	105	1.14	30	72.9-120
4-methyl-2-pentanone	25.0	26.7	107	25.0	26.7	107	0.262	30	56.2-124
naphthalene	5.00	5.32	106	5.00	4.70	94.0	12.4	30	24.8-182
n-propyl benzene	5.00	5.23	105	5.00	5.26	105	0.572	30	79.0-116
styrene	5.00	4.75	95.0	5.00	4.81	96.2	1.26	30	64.8-132
1,1,1,2-tetrachloroethane	5.00	4.98	99.6	5.00	5.00	100	0.401	30	78.8-118
1,1,2,2-tetrachloroethane	5.00	5.04	101	5.00	5.05	101	0.198	30	69.7-119
tetrachloroethene	5.00	4.94	98.8	5.00	4.87	97.4	1.43	30	55.3-144
toluene	5.00	5.04	101	5.00	5.00	100	0.995	30	78.6-117
1,2,3-trichlorobenzene	5.00	6.15	123	5.00	5.50	110	11.2	30	20.8-193
1,2,4-trichlorobenzene	5.00	5.34	107	5.00	4.97	99.4	7.18	30	47.9-150
1,1,1-trichloroethane	5.00	5.14	103	5.00	5.21	104	1.35	30	78.8-120
1,1,2-trichloroethane	5.00	5.03	101	5.00	4.97	99.4	1.20	30	73.6-117
trichloroethene	5.00	5.09	102	5.00	5.04	101	0.985	30	80.1-116
trichlorofluoromethane	5.00	5.25	105	5.00	5.19	104	1.15	30	80.5-130
1,2,3-trichloropropane	5.00	4.90	98.0	5.00	4.85	97.0	1.02	30	35.6-152
1,2,4-trimethylbenzene	5.00	5.32	106	5.00	5.31	106	0.188	30	77.0-116
1,3,5-trimethylbenzene	5.00	5.28	106	5.00	5.30	106	0.378	30	79.4-114
Vinyl acetate	12.5	13.4	107	12.5	13.3	106	0.675	30	60.7-127
vinyl chloride	5.00	5.38	108	5.00	5.20	104	3.40	30	77.5-126
m/p-xylene	10.0	10.3	103	10.0	10.4	104	1.06	30	82.9-112
o-xylene	5.00	4.81	96.2	5.00	4.86	97.2	1.03	30	81.3-113

System Monitoring Compound Results

		LCS SPIKE (µg/L)	LCS CONC (µg/L)	LCS % REC #	LCSD SPIKE (µg/L)	LCSD CONC (µg/L)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	9.92	99.2	10	9.95	99.5	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	9.99	99.9	10	10.09	101	63.5-140
2037-26-5	Toluene-d8	10	10.16	102	10	10.06	101	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 0 out of 144 outside of limits

COMMENTS:

Analyst: Reviewed by:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD8

Lab Code: NC00919 — Batch: 8050808

EPA Sample No.: G671-107-4e, G671-107-4e, G671-107-4e — Dilution: 50

Filenames: 0508817.D, 0508822.D, 0508823.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	BQL	1250	1220	97.7*	1250	1340	107*	9.26	30	17.7-85.2
acrolein	BQL	6250	5460	87.4	6250	6680	107	20.0	30	0.00-424
acrylonitrile	BQL	6250	5480	87.6	6250	6680	107	19.8	30	85.0-175
benzene	191	250	251	101	250	259	104	2.94	30	61.6-135
bromobenzene	BQL	250	249	99.6	250	258	103	3.55	30	65.1-125
bromochloromethane	BQL	250	225	90.0	250	242	97.0	7.49	30	75.5-126
bromodichloromethane	BQL	250	235	94.2	250	248	99.0	4.97	30	74.3-123
bromoform	BQL	250	216	86.6	250	222	89.0	2.73	30	52.3-122
bromomethane	BQL	250	180	72.0	250	221	88.6	20.7	30	10.0-284
2-butanone	BQL	1250	1120	89.9	1250	1300	104	14.8	30	36.1-107
n-butylbenzene	BQL	250	250	100	250	254	102	1.58	30	70.2-124
sec-butylbenzene	BQL	250	243	97.2	250	246	98.2	1.02	30	62.0-133
tert-butylbenzene	BQL	250	226	90.4	250	226	90.4	0.00	30	73.5-121
Carbon disulfide	BQL	250	246	98.4	250	248	99.4	1.01	30	68.8-129
carbon tetrachloride	BQL	250	242	97.0	250	250	99.8	2.84	30	71.8-122
chlorobenzene	BQL	250	240	96.0	250	242	96.8	0.830	30	77.2-118
chloroethane	BQL	250	210	84.0	250	250	99.8	17.2	30	10.0-233
2-chloroethyl vinyl ether	BQL	625	2860	458*	625	3160	505*	9.74	30	16.7-283
chloroform	BQL	250	240	96.2	250	251	100	4.27	30	74.0-128
chloromethane	BQL	250	251	101	250	281	113	11.2	30	72.0-138
2-chlorotoluene	BQL	250	273	109	250	277	111	1.45	30	79.3-118
4-chlorotoluene	BQL	250	268	107	250	269	108	0.372	30	76.8-120
dibromochloromethane	BQL	250	238	95.0	250	238	95.0	0.00	30	69.0-117
1,2-dibromo-3-chloropropane	BQL	1250	1200	96.5	1250	1280	102	5.95	30	20.2-171
1,2-dibromomethane	BQL	250	242	96.8	250	250	100	3.45	30	78.5-123
dibromomethane	BQL	250	241	96.4	250	258	103	6.81	30	71.3-137
1,2-dichlorobenzene	BQL	250	256	103	250	264	106	3.07	30	75.1-120
1,3-dichlorobenzene	BQL	250	249	99.6	250	255	102	2.38	30	73.1-121
1,4-dichlorobenzene	BQL	250	250	100	250	258	103	2.96	30	74.8-118
trans-1,4-Dichloro-2-butene	BQL	1250	1080	86.4	1250	1150	92.4	6.71	30	25.7-149
dichlorodifluoromethane	BQL	250	246	98.2	250	271	108	9.87	30	41.7-166
1,1-dichloroethane	BQL	250	242	96.8	250	248	99.2	2.45	30	75.6-128
1,2-dichloroethane	BQL	250	250	100	250	264	105	5.06	30	71.1-127
1,1-dichloroethene	BQL	250	248	99.2	250	246	98.2	1.01	30	64.4-130
cis-1,2-dichloroethene	BQL	250	246	98.4	250	255	102	3.59	30	72.7-134
trans-1,2-dichloroethene	BQL	250	246	98.2	250	250	100	1.82	30	74.6-124
1,2-dichloropropane	BQL	250	241	96.4	250	247	98.8	2.46	30	76.5-129
1,3-dichloropropane	BQL	250	240	96.2	250	248	99.2	3.07	30	79.1-121
2,2-dichloropropane	BQL	250	244	97.6	250	248	99.0	1.42	30	31.5-157
1,1-dichloropropene	BQL	250	244	97.6	250	248	99.0	1.42	30	72.5-120
cis-1,3-dichloropropene	BQL	250	234	93.4	250	249	99.6	6.42	30	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

SGS ENVIRONMENTAL SERVICES, INC.

SGS Environmental Services

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Inst: MSD8

Lab Code: NC00919 — Batch: 8050808

EPA Sample No.: G671-107-4e, G671-107-4e, G671-107-4e — Dilution: 50

Filenames: 0508817.D, 0508822.D, 0508823.D — Matrix: Water

COMPOUND	SAMPLE CONC (µg/L)	MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	BQL	250	226	90.4	250	249	99.6	9.68	30	44.7-144
Diisopropyl ether	BQL	250	238	95.2	250	253	101	6.11	30	79.4-122
ethylbenzene	633	250	286	114	250	286	114	0.350	30	73.8-126
hexachlorobutadiene	BQL	250	250	99.8	250	257	103	2.96	30	51.8-134
2-hexanone	BQL	1250	1320	105	1250	1460	116*	10.2	30	41.6-111
Iodomethane	BQL	250	215	86.0	250	250	100	15.2	30	40.6-126
isopropylbenzene	BQL	250	252	101	250	252	101	0.198	30	74.3-123
4-isopropyltoluene	BQL	250	217	86.8	250	217	86.8	0.00	30	74.6-122
Methyl-tert-butyl ether	BQL	250	313	125	250	343	137*	9.15	30	66.5-136
methylene chloride	BQL	250	255	102	250	266	106	4.22	30	48.6-155
4-methyl-2-pentanone	BQL	1250	1130	90.8	1250	1300	104	13.3	30	6.88-166
naphthalene	BQL	250	250	100	250	286	114	13.2	30	55.1-140
n-propyl benzene	50.5	250	272	108	250	272	109	0.368	30	71.6-128
styrene	BQL	250	254	102	250	260	104	2.14	30	73.2-123
1,1,1,2-tetrachloroethane	BQL	250	243	97.2	250	246	98.4	1.23	30	69.4-120
1,1,2,2-tetrachloroethane	BQL	250	246	98.2	250	254	101	3.21	30	75.7-136
tetrachloroethene	BQL	250	247	98.8	250	240	96.0	2.87	30	45.8-153
toluene	1030	250	266	106	250	308	123	14.8	30	66.4-128
1,2,3-trichlorobenzene	BQL	250	238	95.0	250	268	107	11.9	30	61.0-126
1,2,4-trichlorobenzene	BQL	250	221	88.6	250	246	98.2	10.3	30	60.6-125
1,1,1-trichloroethane	BQL	250	242	96.8	250	250	99.8	3.05	30	78.4-121
1,1,2-trichloroethane	BQL	250	239	95.6	250	244	97.4	1.86	30	64.8-128
trichloroethene	BQL	250	242	96.8	250	246	98.2	1.44	30	84.9-136
trichlorofluoromethane	BQL	250	219	87.8	250	260	104	16.7	30	76.8-132
1,2,3-trichloropropane	BQL	250	222	89.0	250	240	96.0	7.57	30	10.0-218
1,2,4-trimethylbenzene	476	250	294	118	250	304	122	3.51	30	31.0-172
1,3,5-trimethylbenzene	73.0	250	276	111	250	282	113	1.97	30	67.7-132
Vinyl acetate	BQL	625	624	99.9	625	650	104	3.92	30	0.00-355
vinyl chloride	BQL	250	232	92.8	250	266	107	13.8	30	68.1-137
m/p-xylene	1120	500	545	109	500	550	110	0.912	30	79.8-118
o-xylene	453	250	278	111	250	281	113	1.25	30	80.0-121

System Monitoring Compound Results

		MS SPIKE (µg/L)	MS CONC (µg/L)	MS % REC #	MSD SPIKE (µg/L)	MSD CONC (µg/L)	MSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	10	10.32	103	10	10.22	102	84.7-115
17060-07-0	1,2-Dichloroethane-d4	10	9.75	97.5	10	10.02	100	63.5-140
2037-26-5	Toluene-d8	10	10.16	102	10	10.1	101	81.8-117

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MS Spike Recovery: 2 failure(s) out of 72. MSD Spike Recovery: 2 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS:

Analyst: Reviewed by:

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

0763

SGS

(1)

CLIENT: MSE

CONTACT: Kirk Pollard — PHONE NO: (919) 261 8186

PROJECT: AD&F — SITE/PWSID# :

REPORTS TO: K. Pollard MSE — E-MAIL:

FAX NO.: (919) 261 8299

INVOICE TO: MSE — QUOTE #

P.O. NUMBER

SGS Reference: G563-208

PAGE 1 OF

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCl	Analysis Required (3): 8260	REMARKS
	MW-4s	4-29-08	1520	H2O	3	G	3		
	MW-4i		1455						
	MW-5s		1410						
	MW-5i		1345						
	MW-6s		1230						
	MW-6i		1200						
	MW-7s		1550						
	MW-11i		1655						
	MW-15s	✓	1735						
	OW-1i	4-30-08	800	✓	✓	✓	✓		

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
Jeremy Hai	4/30/08	1400	Fed-Ex	4/30/08	1400
Relinquished By: (2)	**Date**	**Time**	**Received By:**	**Date**	**Time**
			[signature]	5/1/08	1015
Relinquished By: (3)	**Date**	**Time**	**Received By:**	**Date**	**Time**
Relinquished By: (4)	**Date**	**Time**	**Received By:**	**Date**	**Time**

(4)

Shipping Carrier:

Samples Received Cold? (Circle) YES NO

Shipping Ticket No:

Temperature °C: 2.5°C

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
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us.sgs.com

0763

SGS

(1)

CLIENT: MSE

CONTACT: Rick Pollard — PHONE NO: (919) 261 8186

PROJECT: ADAF — SITE/PWSID# :

REPORTS TO: R. Pollard MSE — E-MAIL:

FAX NO.: (919) 261 8299

INVOICE TO: MSE — QUOTE #

P.O. NUMBER

SGS Reference: G563-208

PAGE 2 OF

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used / Analysis Required (3) HCL / 8260	REMARKS
	OW-2i	4-30-08	900	H_2O	3	G	3	
	MW-2s	4-29-08	1815					
	MW-12s	↓	1945					
	MW-12i		1915					
	MW-13s	4-30-08	930	✓	✓	✓	✓	

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:	Date	Time
Jeremy Hair	4/30/08	1400	Fed-Ex	4/30/08	1400
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			[signature]	5/1/08	1015
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO

Temperature °C: 2.5°C

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.

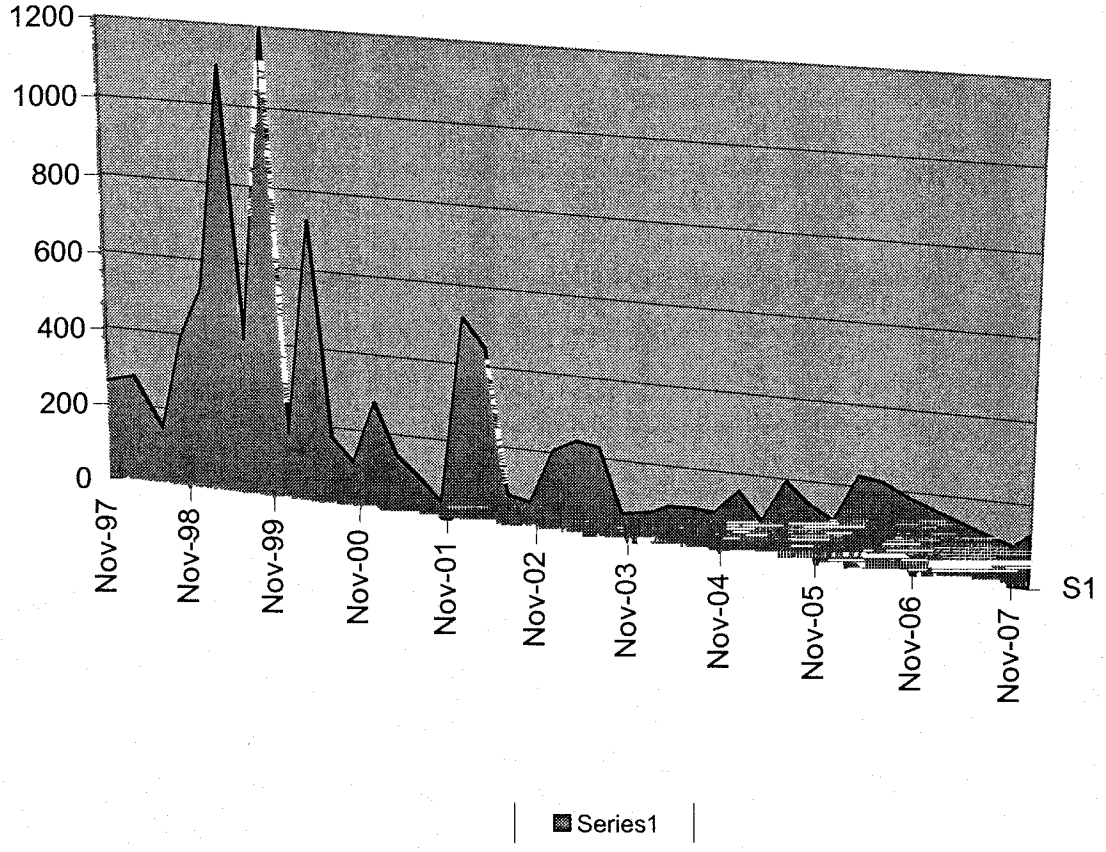
☐ 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

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

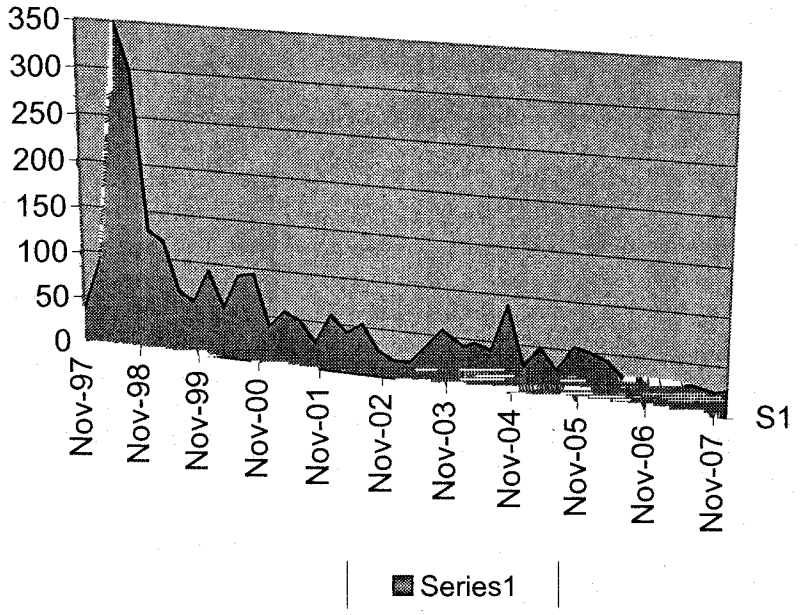
APPENDIX B

GROUNDWATER CONCENTRATION VERSUS TIME GRAPHS

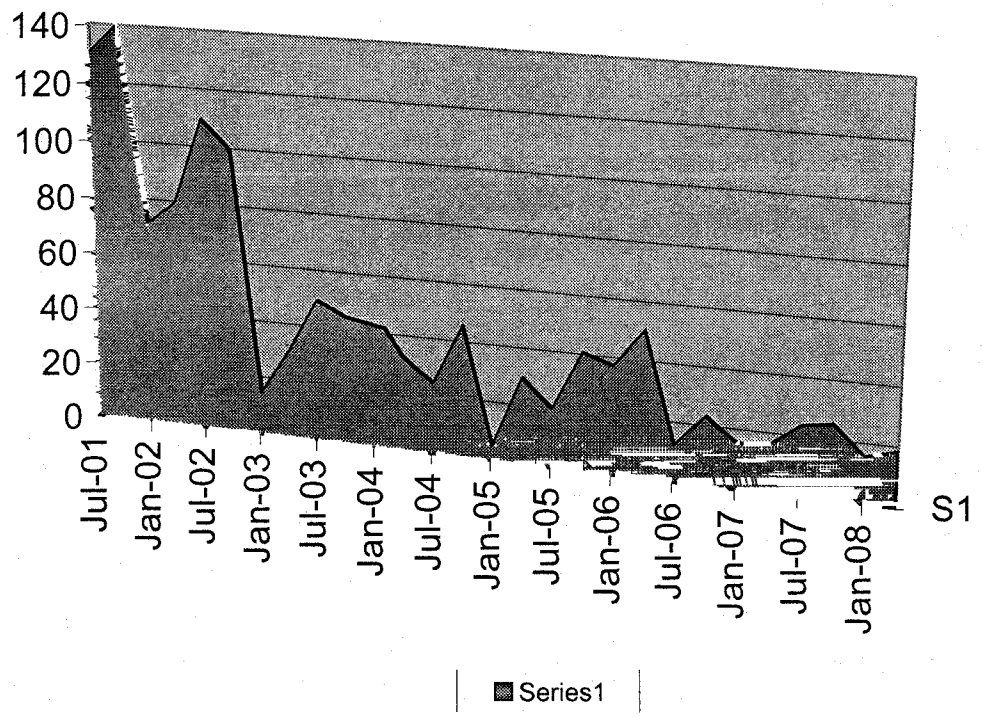
OW-2i - PCE Concentration Versus Time



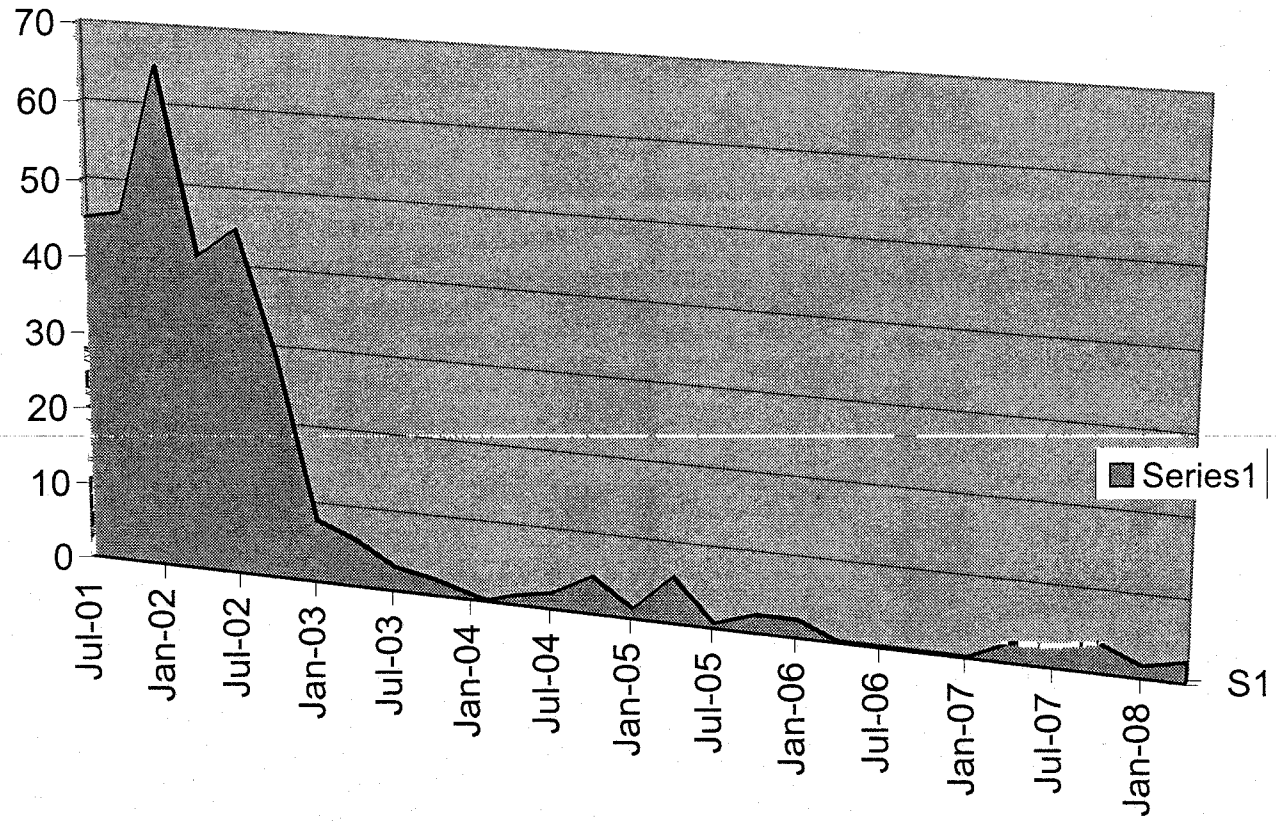
OW-1i - PCE Concentration Versus Time

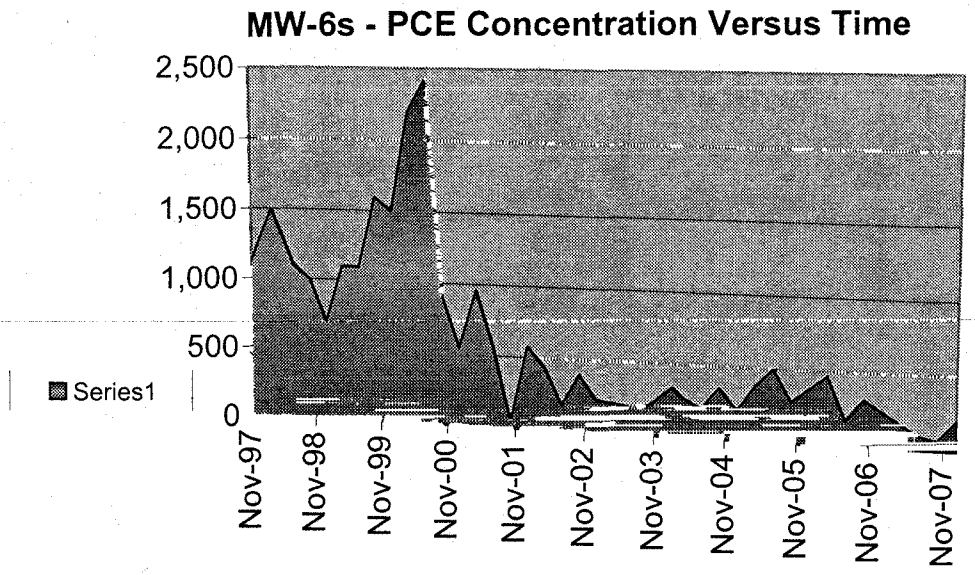


MW-4i - PCE Concentration Versus Time

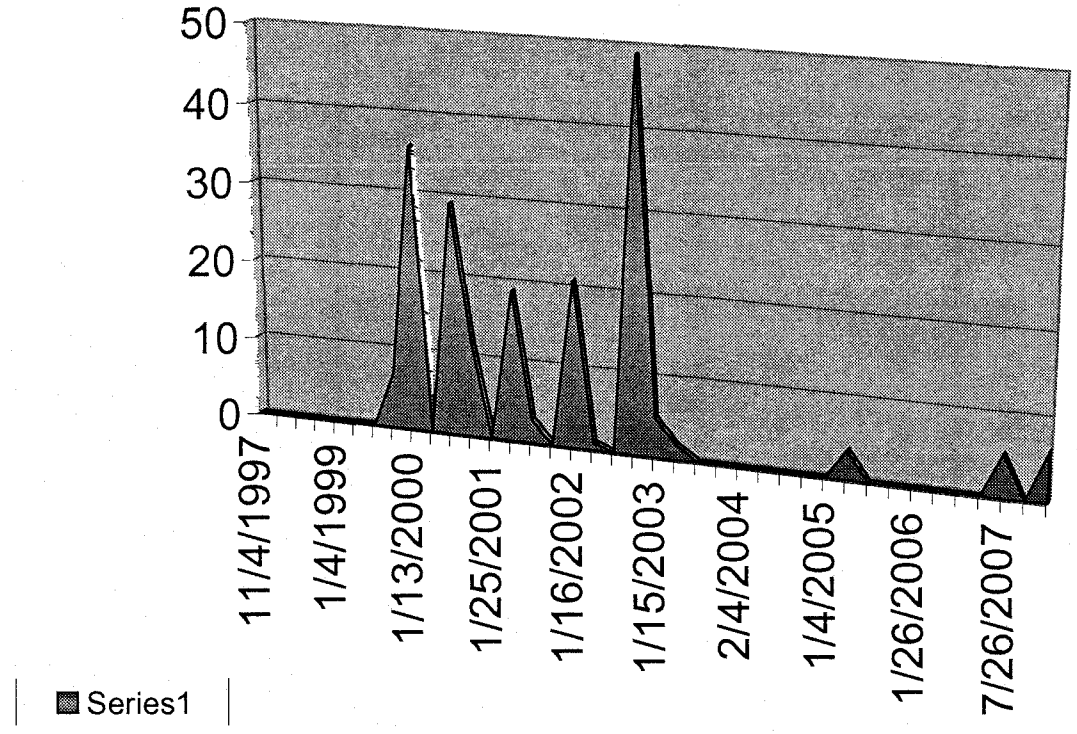


MW-4s - PCE Concentration Versus Time

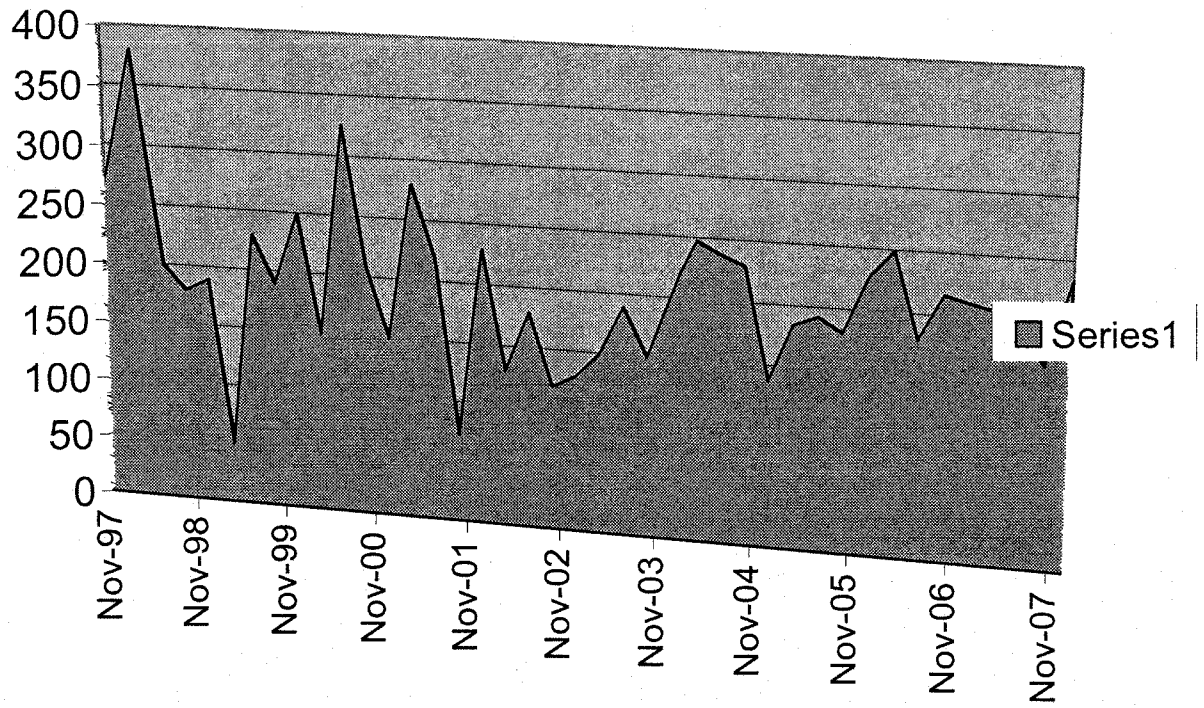



MW-6s - PCE Concentration Versus Time
2,500
2,000
1,500
1,000
500
0
Series1
Nov-97
Nov-98
Nov-99
Nov-00
Nov-01
Nov-02
Nov-03
Nov-04
Nov-05
Nov-06
Nov-07

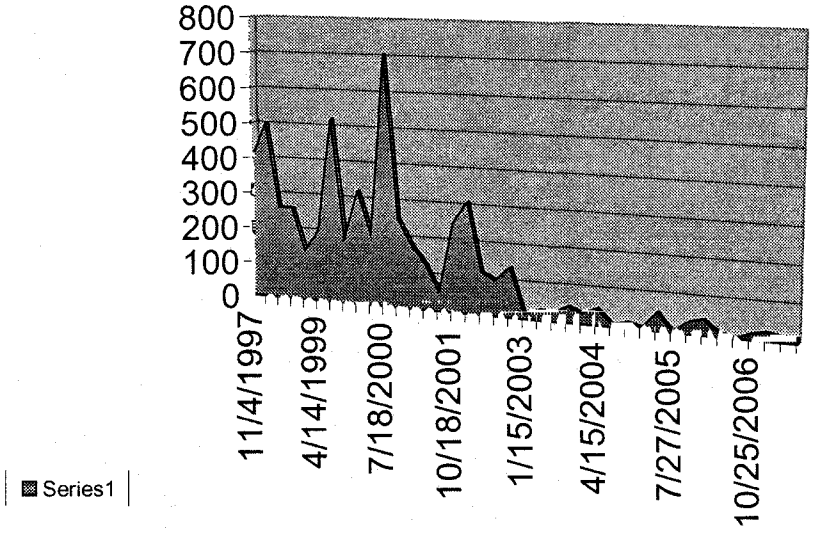
MW-7s - PCE Concentration Versus Time



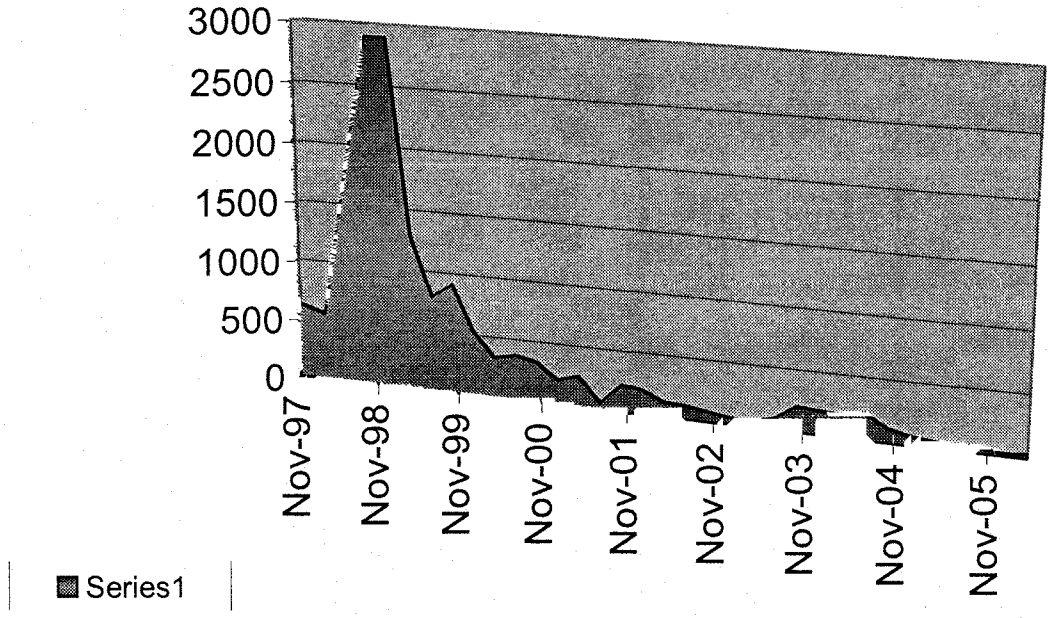
MW-11I - PCE Concentration Versus Time



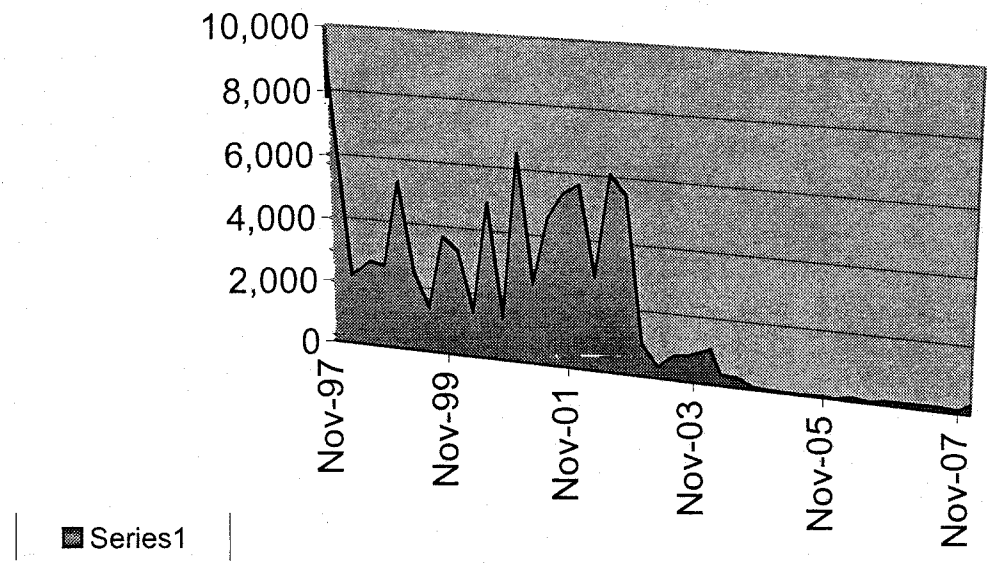
MW-12s - PCE Concentration Versus Time



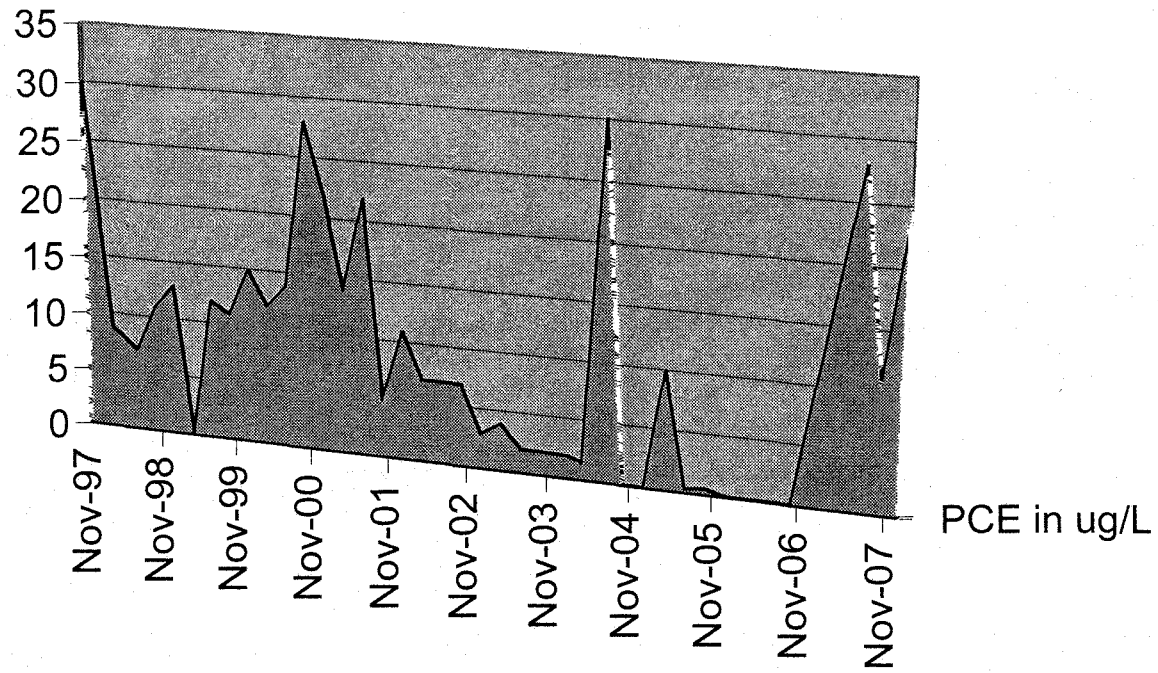
MW-12i - PCE Concentration Versus Time



MW-13s - PCE Concentration Versus Time



MW-15s PCE Concentration Versus Time



PCE in ug/L