

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Brian S. Boutin, PG

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

Name: Brian S. Boutin, PG

Phone: 919-366-3663 (office); 919-995-0363 (cell)

E-mail: bboutinpg@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Central Carolina Monofill Phase III (Planned)	1616 McKoy Town Road Cameron, Harnett, County, NC	43-04	.0500	April 23, 2009

Environmental Status: (Check all that apply)

- Initial/Background Monitoring Detection Monitoring Assessment Monitoring Corrective Action

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Brian S. Boutin, PG

Consultant for Facility

919-366-3663 (office); 919-995-0363 (cell)

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Signature

Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:





Brian S. Boutin, PG
Consulting Geologist

May 27, 2009

Ms. Jaclynne Drummond
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
P. O. Box 27687
Raleigh, NC 27611-7687

**RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: April 2009
Central Carolina Tire Monofill Landfill Phase III (Planned)
Cameron, Harnett County, NC
Permit # 43-04**

Dear Ms. Drummond:

This report presents the results of semi-annual groundwater and surface water quality monitoring conducted at the landfill site referenced above (**Figure 1**) in April 2009. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-10 through MW-14 and MW-16 through MW-18) and one surface water sample (SW-1 (EXP)). The groundwater and surface water samples were collected in accordance with the NCDENR, Division of Waste Management (DWM), Solid Waste Section (SWS) Groundwater Monitoring Guidance Document and the facility Water Quality Monitoring Plan. The sampling and data collection methods, as well as the current and historical results of field and laboratory testing of the water samples, are presented in the following sections.

1.0 POTENTIOMETRIC PATTERN AND GROUNDWATER FLOW

Groundwater levels were gauged in the site groundwater monitoring wells on April 22, 2009 as part of the site monitoring. Depths to groundwater were measured using an electronic interface probe that was thoroughly decontaminated between wells with a non-phosphate soap and water wash followed in order by multiple rinses with distilled water, an isopropyl alcohol rinse, and multiple distilled water rinses. Depth to water measurements were made after the wells were opened for a sufficient periods of time to allow water levels to equilibrate with atmospheric

pressure. The locations of the site monitoring wells are depicted in **Figure 2**. Groundwater elevation data collected at the monitoring wells on April 22, 2009 are presented in **Table 1**. The depth to groundwater across the site, as measured in the Type II groundwater-monitoring wells on April 22, 2009, generally ranged from approximately 2.5 feet (MW-12) to 16.5 feet (MW-16) below grade, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the April 22, 2009 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the southeast, which is consistent with the surface topography and drainage features at the site. The hydraulic gradient of the water table across the site, based on the data depicted in **Figure 3**, varies from approximately 0.004 ft/ft in the northwest part of the site to 0.012 ft/ft in the southeastern part of the site.

2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the site monitoring wells and a surface water sample was collected from the on-site location on April 23, 2009 for laboratory analysis to monitor the quality of groundwater and surface water at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. It is noted that monitoring well MW-10 serves as the upgradient, natural background well for the facility, and monitoring wells MW-11 through MW-14 and MW-16 through MW-18 serve as the downgradient monitoring wells. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material was discarded after each use.

Prior to groundwater sampling, the monitoring wells were purged of a minimum of three well volumes of water using a PVC bottom-loading bailer. During purging, measurements were made in the field of the pH, temperature, specific conductance and turbidity of the groundwater collected from the monitoring wells, in accordance with SWS requirements. The results of the field analyses of these parameters are presented in **Table 1**. Copies of Groundwater Sampling Forms containing pertinent information recorded in the field during purging and sampling at each groundwater monitoring well are presented in **Appendix A**. The results of the field-measured water-quality parameters indicate that the values measured in groundwater collected from the site

monitoring wells were generally within the applicable stabilization criteria (see Groundwater Sampling Forms). Groundwater at the site is acidic to neutral based on the pH values measured in the field (4.57 to 7.36). Specific conductance values ranged from 14 (MW-13) to 426 (MW-10) $\mu\text{S}/\text{cm}$ in groundwater at the Type II monitoring wells. Turbidity values ranged from 0.9 (MW-11) to 277.1 (MW-12) NTUs.

A surface water sample was collected from monitoring location SW-1 (EXP), which is located approximately 280 feet southeast of the planned limits of scrap tire disposal along the primary drainage feature that bisects the southeastern portion of the Phase III landfill footprint. The sampling location is depicted in **Figure 2**. The surface water sample was collected in accordance with the protocol presented in the SWS Groundwater Monitoring Guidance Document.

All groundwater and surface water samples were analyzed at a North Carolina-certified laboratory for Appendix I volatile organic compounds (VOCs) by SW 846 Method 8260 and the 8 RCRA metals by EPA 6000/7000 series methods. Summarized results of laboratory analyses for groundwater and surface water samples collected from the site on April 23, 2009 are presented in **Table 2**. Summarized historical groundwater and surface water quality data for the site are presented in **Table 3**. Copies of the original laboratory reports are included in **Appendix B**.

The laboratory analytical results for the surface water sample collected from the site on April 22, 2009 indicate that no Appendix I VOCs were reported in the surface water sample. Low levels of arsenic, barium, chromium, lead and silver were reported in the surface water sample. However, it is noted that none of the reported concentrations of metals in the surface water sample exceed the corresponding 15A NCAC 2B surface water quality standards or the 15A NCAC 2L .0202 groundwater quality standards. It is further noted that barium, chromium, lead and silver were reported in an associated laboratory blank sample at concentrations similar to those reported for surface water sample SW-1 (EXP).

The laboratory analytical results for the groundwater samples collected from the site monitoring wells in April 2009 indicate that trichloroethene was reported at a trace concentration (0.380 $\mu\text{g}/\text{L}$) in the groundwater sample collected from background monitoring well MW-10. The reported concentration of trichloroethene is well below the 15A NCAC 2L .0202 groundwater quality standard of 2.8 $\mu\text{g}/\text{L}$. No other volatile organic compounds were reported in any of the groundwater samples.

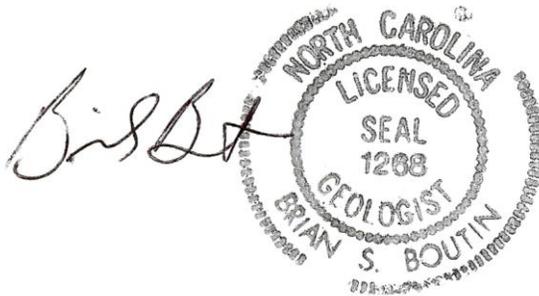
The results of the metals analyses of the groundwater samples indicate that barium and chromium were reported in all of the samples. Arsenic was reported in seven of the eight groundwater samples, lead was reported in six of the groundwater samples, mercury was reported in one of the groundwater samples and silver was reported in seven of the groundwater samples. It is noted that none of the reported concentrations of metals in the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the April 2009 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill are generally consistent with the results of previous monitoring conducted at the site. No Appendix I VOCs or RCRA metals were reported in any of the groundwater or surface water samples at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards.

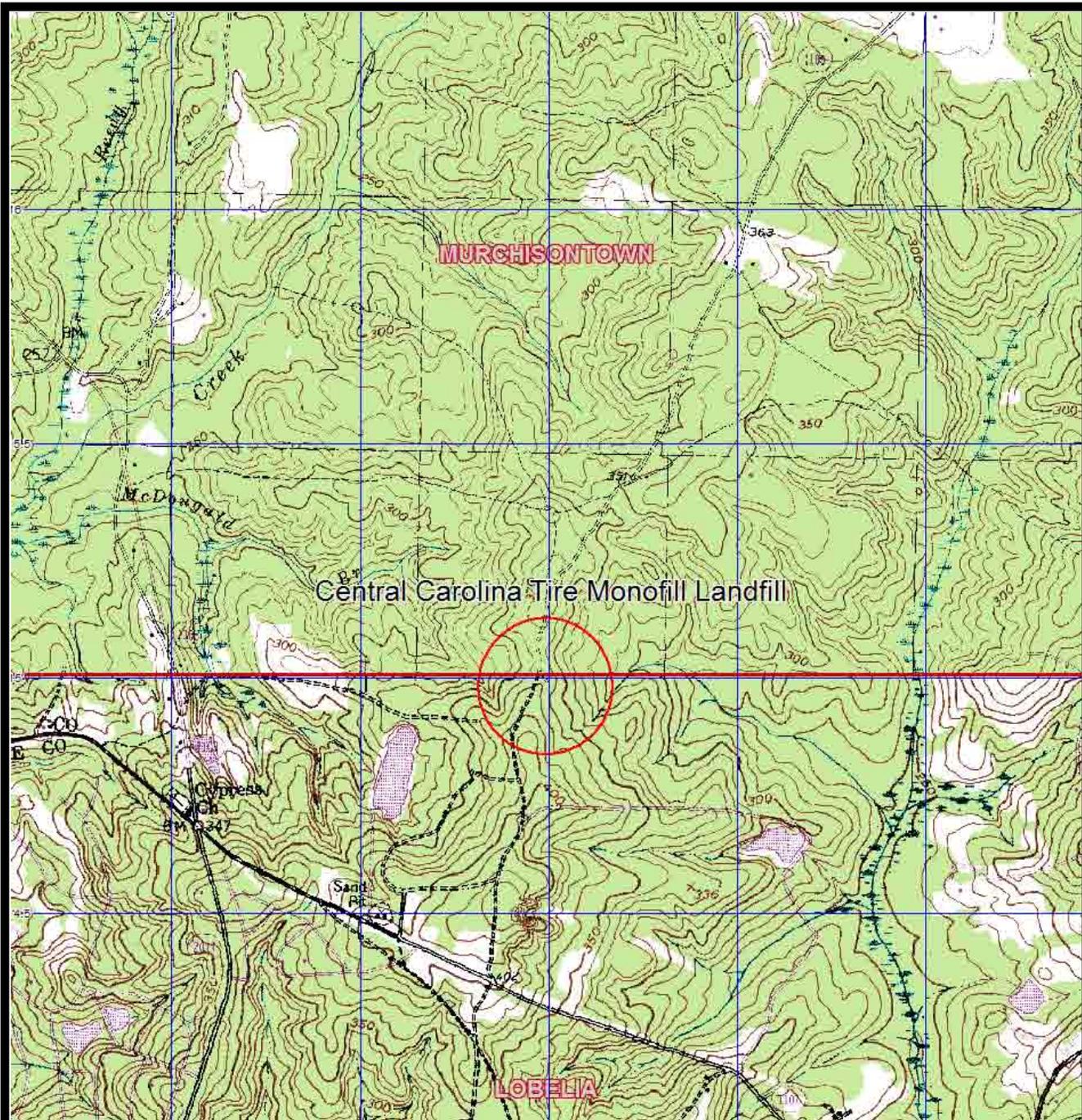
If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for October 2009.

Sincerely,

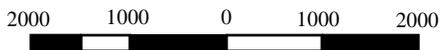


Brian S. Boutin, P.G.
Consulting Geologist

Cc: Tim McNeil, Central Carolina Holdings, Inc.
Vance Moore, Garrett and Moore, Inc.



Source: USGS 7.5' Topographic Quadrangle Series
 Murchisontown and Lobelia, North Carolina 1981



SCALE

Garrett and Moore, Inc.

Engineering Consulting Services

1258 Benson Road, Garner, NC 27529

Tel: (919) 792-1900 Fax: (866) 311-7206

SITE LOCATION MAP

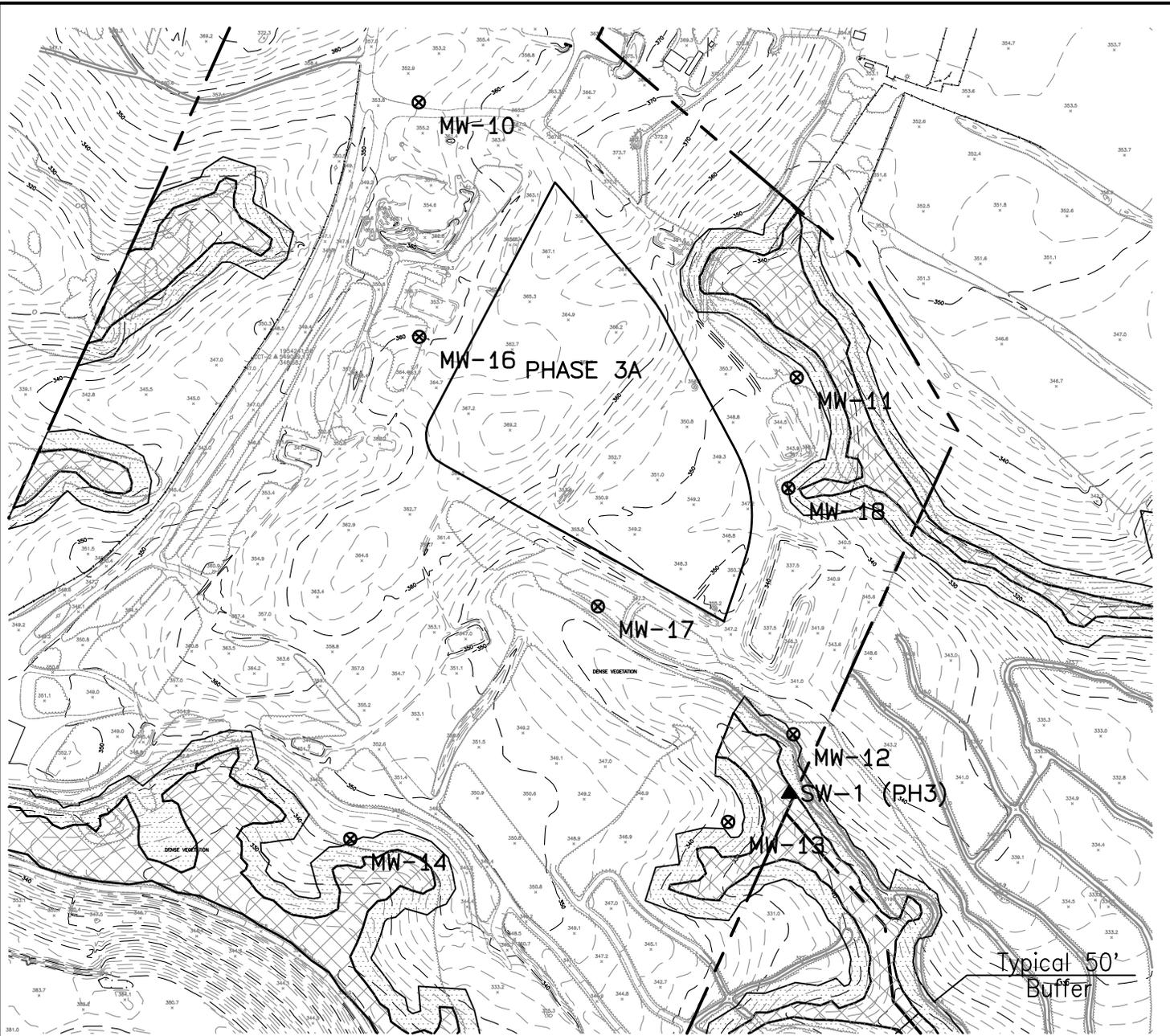
Central Carolina Tire Monofill Landfill

1616 McKoy Town Road

Cameron, Harnett County, North Carolina

Drawn by:	Reviewed by:	Project #:	Drawing #:	Figure No.
USGS	USGS	Scale:	CCT0607-1	
		1:24,000	Drawing Date:	1
			6/20/07	

C:\PHS 3 GW MONITORING EVENT 4-09.pro Mon May 18, 2009 4:41:28PM



LEGEND

- ⊗ MW-6 GROUNDWATER MONITORING WELL
- ▲ SW-1 SURFACE WATER MONITORING LOCATION

 WETLANDS



GRAPHIC SCALE 1"=400'



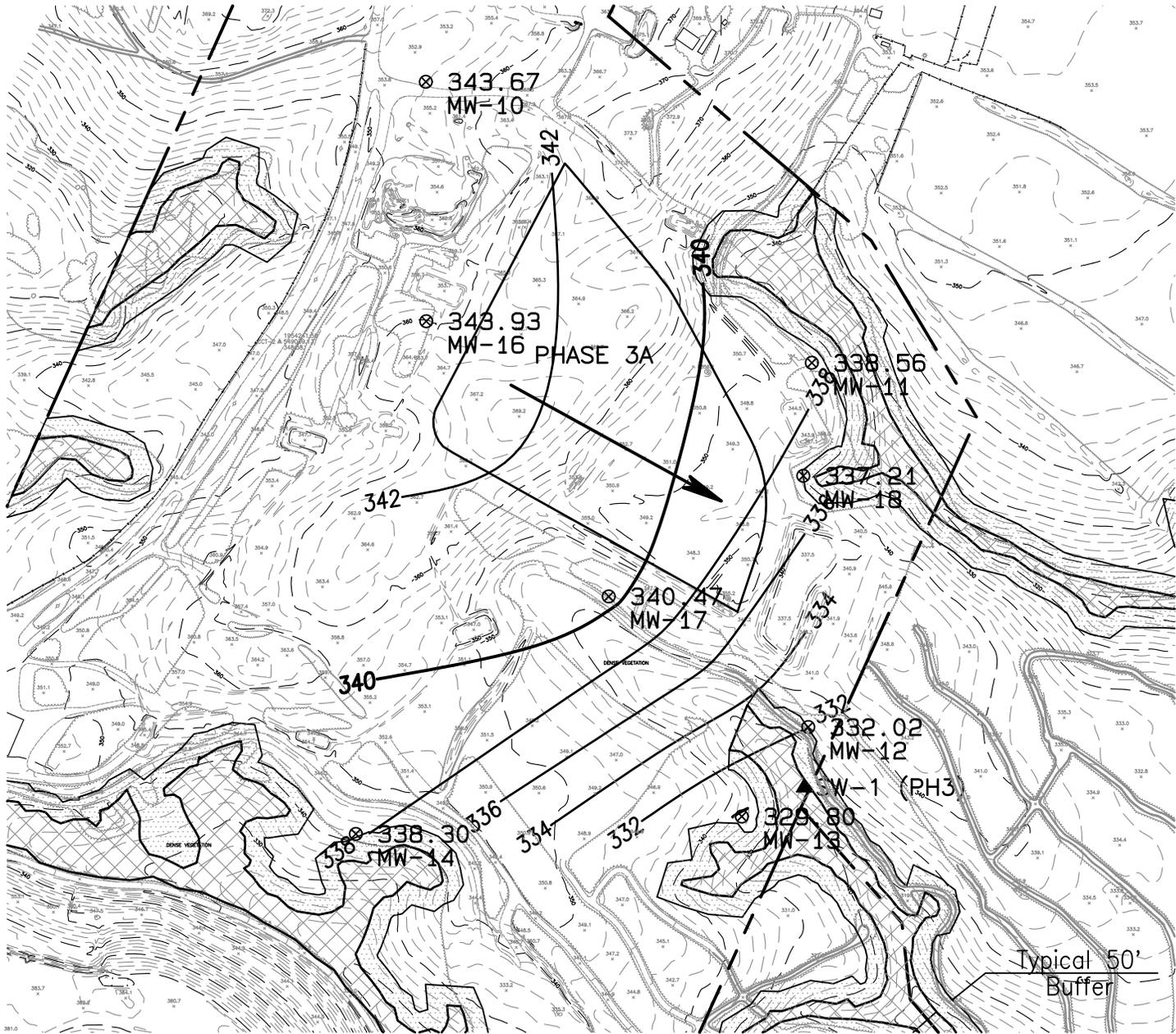
GARRETT & MOORE 
 Engineering for the Power and Waste Industries

**CENTRAL CAROLINA TIRE
 PHASE 3 SITE MAP**

JOB

FIG
2

C:\PHS 3 GW MONITORING EVENT 4-09.pro Mon May 18, 2009 4:44:05PM



LEGEND

- ⊗ 355.85
MW-9 GROUNDWATER MONITORING WELL
W/ APPROXIMATE GROUNDWATER ELEVATION
AS OF APRIL 22, 2009
- ▲ SW-1 SURFACE WATER MONITORING LOCATION
- ← APPARENT DIRECTION OF
GROUNDWATER FLOW
- ▨ WETLANDS



GRAPHIC SCALE 1" = 400'



**CENTRAL CAROLINA TIRE
PHASE 3 WATER-TABLE
ELEVATION MAP APRIL 22, 2009**

JOB
FIG
3

Table 1
Monitoring Well and Groundwater Data
April 2009 Sampling Event
April 22, 2009
Central Carolina Tire Monofill Landfill Phase III (Planned)
Harnett County, North Carolina
Permit # 43-04

Well Identity	Well Depth (Feet BTOC)	Well Diameter (Inches)	Top of Casing Elevation (Feet MSL)	Ground Surface Elevation (Feet MSL)	Depth to Groundwater (Feet BTOC)	Groundwater Elevation (Feet MSL)	Field Parameters			
							Temp. C°	pH	S.C. umhos/cm	Turbidity (ntu)
MW-10	27.0	2.0	356.28	353.74	12.61	343.67	15.4	5.81	426	1.7
MW-11	23.8	2.0	347.80	345.70	9.24	338.56	15.3	5.17	31	0.9
MW-12	21.6	2.0	336.58	334.45	4.56	332.02	15.4	5.94	25	277.1
MW-13	20.6	2.0	339.47	337.36	9.67	329.80	14.2	5.10	14	1.1
MW-14	12.6	2.0	344.12	341.86	5.82	338.30	15.1	4.57	140	2.2
MW-16	28.9	2.0	362.53	360.59	18.60	343.93	15.7	5.20	20	1.4
MW-17	24.0	2.0	347.14	344.14	6.67	340.47	15.2	7.36	98	11.3
MW-18	14.8	2.0	344.71	342.45	7.50	337.21	15.4	5.14	30	4

Notes: MSL = Mean Sea Level
BTOC = Below Top of Casing
GW = Groundwater
S.C. = Specific Conductance
ntu = Nephelometric Turbidity Units

Monitoring well construction data taken from October-December 2006 Sampling Event Monitoring Report prepared by Withers & Ravenel.

Table 2
Laboratory Results for Surface Water and Groundwater Samples
April 2009 Sampling Event
Central Carolina Tire Monofill Landfill Phase III (Planned), Harnett County, NC
Permit # 43-04

ORGANIC CONSTITUENTS (ug/L)	SW-1 (EXP)	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17	MW-18	SWSL (ug/L)	NCAC 2L STD (ug/L)
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	700
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	N/A
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	0.56
Bromoform (Tribromoethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	4.43
Bromomethane (Methyl Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	N/A
2-Butanone (MEK), (Methyl Ethyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	4200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	700
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.269
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	50
Chloroethane (Ethyl Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	2800
Chloroform (Trichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	70
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.025
Dibromochloromethane (Chlorodibromomethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.41
1,2,-Dibromoethane (Ethylene Dibromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.0004
Dibromomethane (Methylene Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	N/A
1,2-Dichlorobenzene (O-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	620
1,3-Dichlorobenzene (M-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
1,4-Dichlorobenzene (P-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	75
Trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.5	N/A
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	70
1,2-Dichloroethane (Ethylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.38
1,1-Dichloroethene (Vinylidene Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	7
Cis-1,2-Dichloroethene (Cis-1,2-Dichloroethylene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	70
T-1,2-Dichloroethene (Trans-1,2-Dichloroethylene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	70
1,2-Dichloropropane (Propylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.56
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
Cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.2
Trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.2
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	29
Iodomethane (Methyl Iodide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	N/A
2-Hexanone (Methyl Butyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	280
Methyl Chloride (Chloromethane)	ND	ND	0	ND	ND	ND	ND	ND	ND	5.5	2.6
Methylene Chloride (Dichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	N/A
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	100
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.17
Tetrachloroethene (Tetrachloroethylene), (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	1000
1,1,1-Trichloroethane (Methylchloroform)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	200
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
Trichloroethene (Trichloroethylene), (TCE)	ND	0.380 J	ND	3	2.8						
Trichlorofluoromethane (CFC-11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	0.005
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	N/A
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.015
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	530
INORGANIC CONSTITUENTS (in ug/L)										SWSL (ug/L)	NCAC 2L STD (ug/L)
Arsenic	1.96 J	2.25 J	2.43 J	3.00 J	ND	2.50 J	4.76 JB	5.63 J	2.22 J	10	50
Barium	21.7 JB	63.3 JB	60.5 JB	56.2 JB	18.5 JB	177 B	28.8 JB	56.4 JB	48.6 JB	100	2000
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1.75
Chromium	2.71 JB	3.01 JB	3.99 JB	7.16 JB	3.60 JB	3.80 JB	3.99 JB	3.90 JB	3.90 JB	10	50
Lead	4.49 JB	ND	5.01 JB	9.68 JB	7.51 JB	3.74 JB	4.74 JB	ND	6.38 JB	10	15
Mercury	ND	0.281 J	ND	0.20	1.05						
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Silver	1.66 JB	ND	1.49 JB	1.82 JB	1.12 JB	1.29 JB	1.85 JB	1.51 JB	1.69 JB	10	17.5

Notes:

Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standard for Class GA groundwater.
 NCAC 2L STD = North Carolina Groundwater Standard established in Title 15A of North Carolina Administrative Code Subchapter 2L
 SWSL = Solid Waste Section Limit
 ND = None detected above laboratory method detection limit.
 NS = Not Sampled. No sample exists for this sampling period

J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.
 B = Analyte found in associated field and/or laboratory blank.

Table 3
Historical Summary of Constituent Detections
Central Carolina Tire Monofill Landfill Phase III (Planned)
Harnett County, North Carolina
Permit # 43-04

Sampling Date:	2L Standard	11/10/2004	6/24/2005	10/26/2005	4/1/2006	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/23/2009
Well No: MW-10											
Arsenic	10	ND	ND	ND	ND	3.7 J	3.09 JB	ND	ND	1.91 J	2.25 J
Barium	2000	ND	100	ND	107	101	92.5 JB	78.0 J	39.2 JB	53.8 JB	63.3 JB
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	6.02 JB	1.46 J	2.47 JB	1.45 JB	3.01 JB
Lead	15	ND	ND	ND	ND	ND	1.30 J	5.11 J	4.90 J	ND	ND
Mercury	1.05	ND	ND	ND	ND	ND	0.082 J	ND	ND	ND	0.281 J
Selenium	50	ND	ND	ND	ND	ND	8.40 J	ND	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	2.37 JB	3.41 JB	ND
Acetone	700	ND	ND	ND	ND	ND	ND	1.83 JB	ND	ND	ND
Trichloroethene	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.380 J
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	5.54	ND
Sampling Date:	2L Standard	11/10/2004	6/25/2005	10/26/2005	4/1/2006	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-11											
Arsenic	10	ND	ND	ND	ND	2.2 J	1.54 JB	2.59 J	ND	ND	2.43 J
Barium	2000	ND	ND	ND	ND	86	23.7 JB	19.5 J	55.1 JB	44.6 JB	60.5 JB
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	6.00 JB	1.31 J	6.94 JB	1.35 JB	3.99 JB
Lead	15	ND	ND	ND	ND	ND	ND	ND	10.60	ND	5.01 JB
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	50	ND	ND	ND	ND	2.2 J	ND	ND	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	2.03 JB	3.91 JB	1.49 JB
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	0.830 J	ND
Sampling Date:	2L Standard	11/10/2004	6/22/2005	10/26/2005	4/1/2006	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-12											
Arsenic	10	ND	ND	ND	ND	4.1 J	5.30 JB	ND	2.32 J	ND	3.00 J
Barium	2000	ND	ND	ND	ND	14	136 JB	97.8 J	46.2 JB	23.8 JB	56.2 JB
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	5.71 JB	3.04 J	11.6 B	3.25 JB	7.16 JB
Lead	15	ND	ND	ND	ND	ND	15.00	ND	6.31 J	4.80 J	9.68 JB
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	7.32 J	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	1.93 JB	4.01 JB	1.82 JB
Chloroform	70	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	0.390 J	ND
Toluene	1000	4.0	ND	ND	ND	3.0	ND	ND	0.510 JB	0.510 JB	ND
Sampling Date:	2L Standard	11/10/2004	6/25/2005	10/26/2005	4/1/2006	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-13											
Arsenic	10	ND	ND	ND	ND	3.0 J	1.67 JB	3.79 J	ND	ND	ND
Barium	2000	ND	ND	ND	ND	5 J	9.75 JB	9.36 J	19.8 JB	14.9 JB	18.5 JB
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	6.07 JB	3.26 J	3.07 JB	ND	3.60 JB
Lead	15	ND	ND	ND	ND	ND	3.25 J	ND	8.32 J	4.75 J	7.51 JB
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	2.88 JB	3.65 JB	1.12 JB
Sampling Date:	2L Standard	11/10/2004	6/24/2005	10/26/2005	4/1/2006	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-14											
Arsenic	10	ND	ND	ND	ND	2.4 J	0.57 JB	3.12 J	ND	ND	2.50 J
Barium	2000	100	120	120	101	110	105 JB	113.0	180 B	185 B	177 B
Cadmium	1.75	ND	ND	ND	ND	ND	0.39 J	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	5.13 JB	1.46 J	4.86 JB	1.77 JB	3.80 JB
Lead	15	ND	ND	ND	ND	ND	9.96 J	3.62 J	8.51 J	5.06 J	3.74 JB
Mercury	1.05	ND	ND	ND	ND	ND	0.085 J	ND	ND	ND	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	1.99 JB	3.11 JB	1.29 JB
Acetone	700	ND	ND	ND	ND	ND	ND	8.25 JB	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	0.560 J	ND

NOTES:

Results in parts per billion (ppb)
 ND - Not Detected above the laboratory method detection limit or practical quantitation limit (results prior to April 2007).
 NA - Not analyzed for or not available
 Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.
 Results for sampling conducted prior to April 2007 as presented in previous GW reports prepared by Withers & Ravenel.
 J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.
 B = Analyte found in associated field and/or laboratory blank.

Table 3 (Continued)
Historical Summary of Constituent Detections
Central Carolina Tire Monofill Landfill Phase III (Planned)
Harnett County, North Carolina
Permit # 43-04

Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-16											
Arsenic	10	NA	NA	NA	NA	2.5 J	ND	1.86 J	ND	ND	4.76 JB
Barium	2000	NA	NA	NA	NA	58	19.9 JB	8.81 J	69.8 JB	31.1 JB	28.8 JB
Cadmium	1.75	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	2.66 JB	ND	3.07 JB	1.87 JB	3.99 JB
Lead	15	NA	NA	NA	NA	ND	ND	ND	8.15 J	ND	4.74 JB
Mercury	1.05	NA	NA	NA	NA	0.17 J	0.045 JB	ND	ND	0.114 J	ND
Selenium	50	NA	NA	NA	NA	2.8 J	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	1.42 JB	ND	1.66 JB	4.10 JB	1.85 JB
Acetone	700	NA	NA	NA	NA	ND	ND	ND	2.42 JB	ND	ND
Methylene Chloride	5	NA	NA	NA	NA	ND	ND	ND	ND	0.560 J	ND
Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-17											
Arsenic	10	NA	NA	NA	NA	4.1 J	2.13 JB	ND	ND	ND	5.63 J
Barium	2000	NA	NA	NA	NA	287	131 B	91.7 J	71.9 JB	89.5 JB	56.4 JB
Cadmium	1.75	NA	NA	NA	NA	0.50 J	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	2.92 JB	1.76 J	2.47 JB	ND	3.90 JB
Lead	15	NA	NA	NA	NA	ND	ND	ND	5.88 J	ND	ND
Mercury	1.05	NA	NA	NA	NA	0.19 J	0.048 JB	ND	ND	ND	ND
Selenium	50	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	1.27 JB	ND	2.26 JB	4.19 JB	1.51 JB
Methylene Chloride	5	NA	NA	NA	NA	ND	ND	ND	ND	0.450 J	ND
Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009
Well No: MW-18											
Arsenic	10	NA	NA	NA	NA	3.9 J	ND	4.49 J	ND	ND	2.22 J
Barium	2000	NA	NA	NA	NA	65	28.5 JB	26.3 J	43.1 JB	43.8 JB	48.6 JB
Cadmium	1.75	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	2.66 JB	ND	2.32 JB	1.25 JB	3.90 JB
Lead	15	NA	NA	NA	NA	ND	ND	4.04 J	4.07 J	ND	6.38 JB
Mercury	1.05	NA	NA	NA	NA	0.16 J	0.047 JB	ND	ND	ND	ND
Selenium	50	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	1.33 JB	ND	2.07 JB	3.72 JB	1.69 JB
Methylene Chloride	5	NA	NA	NA	NA	ND	ND	ND	ND	0.910 J	ND
Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/23/2009
Well No: SW-1(Exp)											
Arsenic	10	NA	NA	NA	NA	ND	0.72 JB	4.32 J	ND	ND	1.96 J
Barium	2000	NA	NA	NA	NA	10 J	28.2 JB	36.2 J	44.4 JB	17.9 JB	21.7 JB
Cadmium	1.75	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	5.57 JB	1.61 J	1.73 JB	ND	2.71 JB
Lead	15	NA	NA	NA	NA	ND	3.24 J	4.88 J	6.43 J	ND	4.49 JB
Mercury	1.05	NA	NA	NA	NA	0.14 J	ND	ND	ND	ND	ND
Selenium	50	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	ND	ND	2.53 JB	3.75 JB	1.66 JB
Styrene	100	NA	NA	NA	NA	ND	ND	0.260 J	ND	ND	ND

NOTES:

Results in parts per billion (ppb)
 ND - Not Detected above the laboratory method detection limit or practical quantitation limit (results prior to April 2007).
 NA - Not analyzed for or not available
 Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.
 Results for sampling conducted prior to April 2007 as presented in previous GW reports prepared by Withers & Ravenel.
 J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.
 B = Analyte found in associated field and/or laboratory blank.

APPENDIX A

Groundwater Sampling Forms

Well/Piezo ID: MW-10

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date: <u>4/22/09</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>1030</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>1100</u> am/pm
Weather Conds:	<u>SUNNY/WINDY 58°</u> Collector(s) <u>JEFF LEAVER, AARON HILL</u>	

WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length: <u>26.50</u>	c. Casing Material: <u>PVC</u>	Well <input checked="" type="checkbox"/> Piezometer <input type="checkbox"/>	e. Length of Water Column: <u>13.89</u> (a-b)
b. Water Table Depth: <u>12.61</u>	d. Casing Diameter: <u>2"</u>	f. Calculated Well Volume (see back): <u>2.3</u>	

WELL PURGING DATA

a. Purge Method: HAND BAILED

b. Acceptance Criteria defined (from workplan):

- Minimum Required Purge Volume (@ 3 well volumes): 6.9
- Maximum Allowable Turbidity: N/A NTUs
- Stabilization of parameters: 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1034	INITIAL	16.2	5.72	416	4.4	CLEAR	NONE
1040	2.5	15.5	5.70	410	80.1	CLOUDY	↓
1046	5.0	15.5	5.90	424	110.2	↓	↓
1052	7.0	15.4	5.81	426	141.9	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW10	VOA	3	HCL	8260	0840
4304-MW10	500 ml PLASTIC	1	HN03	RCRA METALS	0840

TURB. 1.7

Comments: SAMPLED 4/23/09

Signature: Jeff Leaver Aaron Hill Date: 4/22/09

Well/Piezo ID: MW-11

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	4/23/09
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	1152 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1234 am/pm
Weather Conds:	sunny/windy 60° Collector(s) <u>JEFF LEAVER</u> AARON HILL		

WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length	<u>23.80</u>	c. Casing Material	<u>PVC</u>	e. Length of Water Column	<u>14.56</u> (a-b)
b. Water Table Depth	<u>9.24</u>	d. Casing Diameter	<u>2"</u>	f. Calculated Well Volume (see back)	<u>2.4</u>

Well Piezometer

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 7.2
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1200	3.0	15.8	5.40	26	422	LT. BROWN	NONE
1209	7.0	15.4	5.26	30	>1,000	↓	↓
1216	9.0	15.3	5.19	31	↓	↓	↓
1224	11.0	15.3	5.17	31	↓	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW11	VOA	3	HCL	8260	0914
4304-MW11	500 ml PLASTIC	1	HN03	RCRA METALS	0914

TURB
0.9

Comments SAMPLED 4/23/09

Signature Jeff Leaver Aaron Hill Date 4/23/09

Well/Piezo ID: MW-12

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date: <u>4/22/09</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>1600</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>1640</u> am/pm
Weather Conds:	<u>SUNNY/WINDY 64°</u> Collector(s) <u>JEFF LEAVER, AARON HILL</u>	

WATER LEVEL DATA: (measured from Top of Casing)

Well Piezometer

a. Total Well Length 21.40 c. Casing Material PVC e. Length of Water Column 16.84 (a-b)

b. Water Table Depth 4.56 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.74

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 8.2
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1608	3.0	15.0	6.87	20	> 4,000	TAN	NONE
1615	6.0	15.2	6.02	24	↓	↓	↓
1624	8.0	15.4	5.97	25	↓	↓	↓
1630	10.0	15.4	5.94	25	↓	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW12	VOA	3	HCL	8260	1100
4304-MW12	500 ml PLASTIC	1	HN03	RCRA METALS	1100

Comments Amended 4/23/09

Signature Jeff Leaver Aaron Hill Date 4/22/09

TUR
277

Well/Piezo ID: MW-13

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date: <u>4/22/09</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>1430</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>1508</u> am/pm
Weather Conds:	<u>SUNNY / WINDY 62°</u> Collector(s) <u>JEFF LEAVER / AARON HILL</u>	

WATER LEVEL DATA: (measured from Top of Casing)

Well Piezometer

a. Total Well Length 20.50 c. Casing Material PVC e. Length of Water Column 10.83 (a-b)

b. Water Table Depth 9.67 d. Casing Diameter 2" f. Calculated Well Volume (see back) 1.8

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 5.3
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1437	2.0	15.0	5.14	15	>1,000	TAN	NONE
1445	4.0	14.3	5.11	14	↓	↓	↓
1454	6.0	14.2	5.10	14	↓	↓	↓
1500	8.0	14.2	5.10	14	↓	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

if no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW13	VOA	3	HCL	8260	1026
4304-MW13	500 ml PLASTIC	1	HN03	RCRA METALS	1020

Turb
1.1

Comments: SAMPLED 4/23/09

Signature: Jeff Leaver - Aaron Hill Date: 4/22/09

Well/Piezo ID: MW-14

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date: <u>4/22/09</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>1340</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>1414</u> am/pm
Weather Conds:	<u>SUNNY/WINDY 62°</u> Collector(s) <u>JEFF LEAVER, AARON HILL</u>	

WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length <u>12.50</u>	c. Casing Material <u>PVC</u>	e. Length of Water Column <u>6.68</u> (a-b)
b. Water Table Depth <u>5.82</u>	d. Casing Diameter <u>2"</u>	f. Calculated Well Volume (see back) <u>1.1</u>

Well Piezometer

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 3.3
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1346	1.5	15.2	4.66	127	>1,000	BROWN	NONE
1352	3.0	15.2	4.61	134	↓	↓	↓
1359	4.0	15.1	4.59	137	↓	↓	↓
1407	5.0	15.1	4.57	140	↓	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-mw14	VOA	3	HCL	8260	0955
4304-mw14	500 ml PLASTIC	1	HN03	RCRA METALS	0955

TUR 2.

Comments SAMPLED 4/23/09

Signature Jeff Leaver Aaron Hill Date 4/22/09

Well/Piezo ID: MW-16

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG Date: 4/22/09
 Project No: CENTRAL CAROLINA TIRE, PERMIT #4304 Time: Start 1250 am/pm
 Site Location: CAMERON, NC LAB QUOTE #2185 Finish 1328 am/pm
 Weather Conds: SUNNY/WINDY 60° Collector(s) JEFF LEAVER, AARON HILL

WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length 28.35 c. Casing Material PVC e. Length of Water Column 9.75 (a-b)
 b. Water Table Depth 18.60 d. Casing Diameter 2" f. Calculated Well Volume (see back) 1.6

Well Piezometer

WELL PURGING DATA

a. Purge Method HAND BAILED
 b. Acceptance Criteria defined (from workplan)
 - Minimum Required Purge Volume (@ 3 well volumes) 4.8
 - Maximum Allowable Turbidity N/A NTUs
 - Stabilization of parameters 10 %
 c. Field Testing Equipment Used: Make Model Serial Number
OAKTON PH/CON10
HACH 2100P

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1255	2	15.9	5.30	21	>4000	TAN	NONK
1302	4	15.9	5.22	21	↓	↓	↓
1310	6	15.8	5.20	20	↓	↓	↓
1318	8	15.7	5.20	20	↓	↓	↓

e. Acceptance criteria pass/fail
 Has required volume been removed Yes No N/A
 Has required turbidity been reached Yes No N/A
 Have parameters stabilized Yes No N/A
 If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW16	VOA	3	HCL	8260	0933
4304-MW16	500 ml PLASTIC	1	HN03	RCRA METALS	0933

TURB 1.4

Comments SAMPLED 4/23/09

Signature Jeff Leaver Aaron Hill

Date 4/22/09

Well/Piezo ID: MW-17

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date: <u>4/22/09</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>1515</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>1530</u> am/pm
Weather Conds:	<u>SUNNY/WINDY 64°</u> Collector(s) <u>JEFF LEAVER, AARON HILL</u>	

WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length	<u>20.20</u>	c. Casing Material	<u>PVC</u>	Well <input checked="" type="checkbox"/>	Piezometer	<input type="checkbox"/>
b. Water Table Depth	<u>6.67</u>	d. Casing Diameter	<u>2"</u>	e. Length of Water Column	<u>13.53</u>	(a-b)
			f. Calculated Well Volume (see back)	<u>2.2</u>		

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan):

- Minimum Required Purge Volume (@ 3 well volumes) 6.6
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1522	2.5	15.3	5.40	29	>1,000	TAN	None
1530	5.0	15.3	7.30	94	↓	↓	↓
1537	6.0	15.2	7.34	96	↓	↓	↓
1544	7.0	15.2	7.36	98	↓	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW17	VOA	3	HCL	8260	1045
4304-MW17	500 ml PLASTIC	1	HN03	RCRA METALS	1045

TURB
11.3

Comments: SAMPLED 4/23/09

Signature: Jeff Leaver Aaron Hill Date: 4/22/09

Well/Piezo ID: MW-18

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	4/22/09
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	1110 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1140 am/pm
Weather Conds:	SUNNY/WINDY 60° Collector(s) (JEFF LEAVER) AARON HILL		

WATER LEVEL DATA: (measured from Top of Casing)

Well Piezometer

e. Length of Water Column 7.70 (a-b)

f. Calculated Well Volume (see back) 1.24

a. Total Well Length 15.20 c. Casing Material PVC

b. Water Table Depth 7.50 d. Casing Diameter 2"

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 3.7
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

d. Field Testing Equipment Calibration Documentation Found in Field Notebook # _____ Page # _____

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	Color	Odor
1116	2.0	15.5	5.20	31	>1,000	BROWN	NONE
1122	4.0	15.4	5.16	30	↓	↓	↓
1130	5.0	15.4	5.14	30	↓	↓	↓

e. Acceptance criteria pass/fail

Has required volume been removed	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Has required turbidity been reached	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have parameters stabilized	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If no or N/A, Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW18	VOA	3	HCL	8260	0855
4304-MW18	500 ml PLASTIC	1	HN03	RCRA METALS	0855

TURB
4.0

Comments SAMPLED 4/23/09

Signature Jeff Leaver Aaron Hill Date 4/22/09

APPENDIX B

**Laboratory Reports
And
Chain-of-Custody Records**



Brian Boutin
Brian S. Boutin, P.G.
11112 Branding Iron Pl.
Wendell, NC 27591

Report Number: G847-39

Client Project: Central Carolina Tire Permit # 43-04

Dear Brian Boutin,

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 services performed during this project, please call Barbara Hager 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.

Sincerely,
SGS Environmental Services, Inc.

Barbara Hager *May 5.2009*

Project Manager Date
Barbara Hager

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification 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/CL = Reporting Limit / Control 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

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

SGS Environmental Services, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-EB01
Client Project ID: Central Carolina Tire Permit # 43-04
Lab Sample ID: G847-39-1A
Lab Project ID: G847-39

Analyzed By: MJC
Date Collected: 4/23/2009 8:30
Date Received: 4/24/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	BQL	1.00	0.0650	1	5/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	2.15	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	0.480	1.00	0.0760	1	5/1/2009	J
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

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

Client Sample ID: 4304-EB01
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-1A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 8:30
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/1/2009	
Total Xylene	BQL	5.00	0.0650	1	5/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.57	96
Toluene-d8	10	9.8	98
4-Bromofluorobenzene	10	9.34	93

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 3/

Reviewed By: [Signature]

SGS Environmental Services, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW8
Client Project ID: Central Carolina Tire Permit # 43-04
Lab Sample ID: G847-39-2A
Lab Project ID: G847-39

Analyzed By: MJC
Date Collected: 4/23/2009 8:40
Date Received: 4/24/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	BQL	1.00	0.0650	1	5/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	2.40	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

SGS Environmental Services, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW4
Client Project ID: Central Carolina Tire Permit # 43-04
Lab Sample ID: G847-39-3A
Lab Project ID: G847-39

Analyzed By: MJC
Date Collected: 4/23/2009 8:55
Date Received: 4/24/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	0.460	1.00	0.0650	1	5/1/2009	J
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	2.55	10.0	0.106	1	5/1/2009	J
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	0.160	5.00	0.0740	1	5/1/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW4
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-3A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 8:55
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/1/2009	
Total Xylene	BQL	5.00	0.0650	1	5/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.38	94
Toluene-d8	10	9.81	98
4-Bromofluorobenzene	10	9.26	93

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst:  _____

Reviewed By:  _____

SGS Environmental Services, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW3
Client Project ID: Central Carolina Tire Permit # 43-04
Lab Sample ID: G847-39-4A
Lab Project ID: G847-39

Analyzed By: MJC
Date Collected: 4/23/2009 9:10
Date Received: 4/24/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	0.260	1.00	0.0650	1	5/1/2009	J
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	0.280	5.00	0.0740	1	5/1/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	0.660	5.00	0.0650	1	5/1/2009	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-SW2
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-5A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 9:25
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	BQL	1.00	0.0650	1	5/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

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

Client Sample ID: 4304-SW2
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-5A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 9:25
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/1/2009	
Total Xylene	BQL	5.00	0.0650	1	5/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.22	92
Toluene-d8	10	9.67	97
4-Bromofluorobenzene	10	9.15	92

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 3

Reviewed By: [Signature]

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW2
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-6A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 9:40
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	BQL	1.00	0.0650	1	5/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW7
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-7A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 9:50
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	0.330	1.00	0.0650	1	5/1/2009	J
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW7
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-7A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 9:50
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/1/2009	
Total Xylene	BQL	5.00	0.0650	1	5/1/2009	

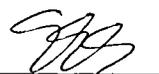
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.15	92
Toluene-d8	10	9.7	97
4-Bromofluorobenzene	10	9.13	91

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW6
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-8A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:05
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	5.74	100	2.18	1	5/1/2009	J
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	0.990	1.00	0.0650	1	5/1/2009	J
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

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

Client Sample ID: 4304-MW6
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-8A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:05
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/1/2009	
Total Xylene	BQL	5.00	0.0650	1	5/1/2009	

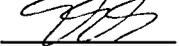
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.3	93
Toluene-d8	10	9.75	98
4-Bromofluorobenzene	10	9.21	92

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-SW1
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-9A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:20
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	BQL	1.00	0.0650	1	5/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

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

Client Sample ID: 4304-SW1
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-9A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:20
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/1/2009	
Total Xylene	BQL	5.00	0.0650	1	5/1/2009	

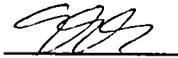
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.13	91
Toluene-d8	10	9.67	97
4-Bromofluorobenzene	10	9.03	90

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW5
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-10A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:35
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

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

Client Sample ID: 4304-MW5
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-10A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:35
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/2/2009	
Total Xylene	BQL	5.00	0.0650	1	5/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.34	93
Toluene-d8	10	9.68	97
4-Bromofluorobenzene	10	9.21	92

Comments:

Flags:

BQL = Below Quantitation Limits.

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Reviewed By: [Signature]

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

Client Sample ID: 4304-MW9
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-11A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:50
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

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

Client Sample ID: 4304-MW9
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-11A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:50
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/2/2009	
Total Xylene	BQL	5.00	0.0650	1	5/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.27	93
Toluene-d8	10	9.65	97
4-Bromofluorobenzene	10	8.85	88

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: *z*

Reviewed By: *[Signature]*

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-SW1 (EXP)
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-12A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 11:20
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

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

Client Sample ID: 4304-SW1 (EXP)
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-12A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 11:20
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/2/2009	
Total Xylene	BQL	5.00	0.0650	1	5/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.79	98
Toluene-d8	10	9.68	97
4-Bromofluorobenzene	10	9.84	98

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 3/

Reviewed By: [Signature]

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW10
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-13A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 8:40
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	0.380	1.00	0.0540	1	5/2/2009	J
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW18
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-14A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 8:55
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW11

Client Project ID: Central Carolina Tire Permit # 43-04

Lab Sample ID: G847-39-15A

Lab Project ID: G847-39

Analyzed By: CLP

Date Collected: 4/23/2009 9:14

Date Received: 4/24/2009

Matrix: Water

Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

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

Client Sample ID: 4304-MW11
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-15A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 9:14
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

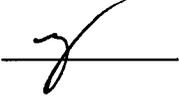
Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/2/2009	
Total Xylene	BQL	5.00	0.0650	1	5/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.82	98
Toluene-d8	10	9.72	97
4-Bromofluorobenzene	10	9.75	98

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW16
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-16A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 9:33
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/2/2009	
Acetonitrile	BQL	55.0	2.58	1	5/2/2009	
Acrylonitrile	BQL	200	2.93	1	5/2/2009	
Benzene	BQL	1.00	0.0650	1	5/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/2/2009	
Bromoform	BQL	3.00	0.120	1	5/2/2009	
Bromomethane	BQL	10.0	0.133	1	5/2/2009	
2-butanone	BQL	100	0.544	1	5/2/2009	
Carbon disulfide	BQL	100	0.0690	1	5/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/2/2009	
Chloroethane	BQL	10.0	0.106	1	5/2/2009	
Chloroform	BQL	5.00	0.0790	1	5/2/2009	
Chloromethane	BQL	1.00	0.146	1	5/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/2/2009	
Dibromomethane	BQL	10.0	0.113	1	5/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/2/2009	
2-hexanone	BQL	50.0	0.720	1	5/2/2009	
Iodomethane	BQL	10.0	0.0420	1	5/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/2/2009	
Styrene	BQL	1.00	0.0850	1	5/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/2/2009	
Toluene	BQL	1.00	0.0760	1	5/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/2/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/2/2009	

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

Client Sample ID: 4304-MW16
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-16A
 Lab Project ID: G847-39

Analyzed By: CLP
 Date Collected: 4/23/2009 9:33
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/2/2009	
Total Xylene	BQL	5.00	0.0650	1	5/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	9.84	98
4-Bromofluorobenzene	10	9.64	96

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: *zy*

Reviewed By: *[Signature]*

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW14
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-17A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 9:55
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/3/2009	
Acetonitrile	BQL	55.0	2.58	1	5/3/2009	
Acrylonitrile	BQL	200	2.93	1	5/3/2009	
Benzene	BQL	1.00	0.0650	1	5/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/3/2009	
Bromoform	BQL	3.00	0.120	1	5/3/2009	
Bromomethane	BQL	10.0	0.133	1	5/3/2009	
2-butanone	BQL	100	0.544	1	5/3/2009	
Carbon disulfide	BQL	100	0.0690	1	5/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/3/2009	
Chloroethane	BQL	10.0	0.106	1	5/3/2009	
Chloroform	BQL	5.00	0.0790	1	5/3/2009	
Chloromethane	BQL	1.00	0.146	1	5/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/3/2009	
Dibromomethane	BQL	10.0	0.113	1	5/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/3/2009	
2-hexanone	BQL	50.0	0.720	1	5/3/2009	
Iodomethane	BQL	10.0	0.0420	1	5/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/3/2009	
Styrene	BQL	1.00	0.0850	1	5/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/3/2009	
Toluene	BQL	1.00	0.0760	1	5/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/3/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/3/2009	

SGS Environmental Services, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW17
Client Project ID: Central Carolina Tire Permit # 43-04
Lab Sample ID: G847-39-18A
Lab Project ID: G847-39

Analyzed By: MJC
Date Collected: 4/23/2009 10:45
Date Received: 4/24/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/3/2009	
Acetonitrile	BQL	55.0	2.58	1	5/3/2009	
Acrylonitrile	BQL	200	2.93	1	5/3/2009	
Benzene	BQL	1.00	0.0650	1	5/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/3/2009	
Bromoform	BQL	3.00	0.120	1	5/3/2009	
Bromomethane	BQL	10.0	0.133	1	5/3/2009	
2-butanone	BQL	100	0.544	1	5/3/2009	
Carbon disulfide	BQL	100	0.0690	1	5/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/3/2009	
Chloroethane	BQL	10.0	0.106	1	5/3/2009	
Chloroform	BQL	5.00	0.0790	1	5/3/2009	
Chloromethane	BQL	1.00	0.146	1	5/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/3/2009	
Dibromomethane	BQL	10.0	0.113	1	5/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/3/2009	
2-hexanone	BQL	50.0	0.720	1	5/3/2009	
Iodomethane	BQL	10.0	0.0420	1	5/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/3/2009	
Styrene	BQL	1.00	0.0850	1	5/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/3/2009	
Toluene	BQL	1.00	0.0760	1	5/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/3/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/3/2009	

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

Client Sample ID: 4304-MW17
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-18A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:45
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/3/2009	
Total Xylene	BQL	5.00	0.0650	1	5/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.49	95
Toluene-d8	10	9.82	98
4-Bromofluorobenzene	10	9.07	91

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS Environmental Services, Inc.

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

Client Sample ID: 4304-MW12
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-19A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 11:00
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/3/2009	
Acetonitrile	BQL	55.0	2.58	1	5/3/2009	
Acrylonitrile	BQL	200	2.93	1	5/3/2009	
Benzene	BQL	1.00	0.0650	1	5/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/3/2009	
Bromoform	BQL	3.00	0.120	1	5/3/2009	
Bromomethane	BQL	10.0	0.133	1	5/3/2009	
2-butanone	BQL	100	0.544	1	5/3/2009	
Carbon disulfide	BQL	100	0.0690	1	5/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/3/2009	
Chloroethane	BQL	10.0	0.106	1	5/3/2009	
Chloroform	BQL	5.00	0.0790	1	5/3/2009	
Chloromethane	BQL	1.00	0.146	1	5/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/3/2009	
Dibromomethane	BQL	10.0	0.113	1	5/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/3/2009	
2-hexanone	BQL	50.0	0.720	1	5/3/2009	
Iodomethane	BQL	10.0	0.0420	1	5/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/3/2009	
Styrene	BQL	1.00	0.0850	1	5/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/3/2009	
Toluene	BQL	1.00	0.0760	1	5/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/3/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/3/2009	

SGS Environmental Services, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW13
Client Project ID: Central Carolina Tire Permit # 43-04
Lab Sample ID: G847-39-20A
Lab Project ID: G847-39

Analyzed By: MJC
Date Collected: 4/23/2009 10:20
Date Received: 4/24/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/3/2009	
Acetonitrile	BQL	55.0	2.58	1	5/3/2009	
Acrylonitrile	BQL	200	2.93	1	5/3/2009	
Benzene	BQL	1.00	0.0650	1	5/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/3/2009	
Bromoform	BQL	3.00	0.120	1	5/3/2009	
Bromomethane	BQL	10.0	0.133	1	5/3/2009	
2-butanone	BQL	100	0.544	1	5/3/2009	
Carbon disulfide	BQL	100	0.0690	1	5/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/3/2009	
Chloroethane	BQL	10.0	0.106	1	5/3/2009	
Chloroform	BQL	5.00	0.0790	1	5/3/2009	
Chloromethane	BQL	1.00	0.146	1	5/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/3/2009	
Dibromomethane	BQL	10.0	0.113	1	5/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/3/2009	
2-hexanone	BQL	50.0	0.720	1	5/3/2009	
Iodomethane	BQL	10.0	0.0420	1	5/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/3/2009	
Styrene	BQL	1.00	0.0850	1	5/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/3/2009	
Toluene	BQL	1.00	0.0760	1	5/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/3/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/3/2009	

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

Client Sample ID: 4304-MW13
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-20A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 10:20
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
1,2,3-Trichloropropane	BQL	1.00	0.120	1	5/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	5/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	5/3/2009	
Total Xylene	BQL	5.00	0.0650	1	5/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.38	94
Toluene-d8	10	9.85	98
4-Bromofluorobenzene	10	9.17	92

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 3

Reviewed By: [Signature]

SGS Environmental Services, Inc.

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

Client Sample ID: Trip Blank
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-21A
 Lab Project ID: G847-39

Analyzed By: MJC
 Date Collected: 4/23/2009 0:00
 Date Received: 4/24/2009
 Matrix: Water
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	5/1/2009	
Acetonitrile	BQL	55.0	2.58	1	5/1/2009	
Acrylonitrile	BQL	200	2.93	1	5/1/2009	
Benzene	BQL	1.00	0.0650	1	5/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	5/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	5/1/2009	
Bromoform	BQL	3.00	0.120	1	5/1/2009	
Bromomethane	BQL	10.0	0.133	1	5/1/2009	
2-butanone	BQL	100	0.544	1	5/1/2009	
Carbon disulfide	BQL	100	0.0690	1	5/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	5/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	5/1/2009	
Chloroethane	BQL	10.0	0.106	1	5/1/2009	
Chloroform	BQL	5.00	0.0790	1	5/1/2009	
Chloromethane	BQL	1.00	0.146	1	5/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	5/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	5/1/2009	
Dibromomethane	BQL	10.0	0.113	1	5/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	5/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	5/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	5/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	5/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	5/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	5/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	5/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	5/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	5/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	5/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	5/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	5/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	5/1/2009	
2-hexanone	BQL	50.0	0.720	1	5/1/2009	
Iodomethane	BQL	10.0	0.0420	1	5/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	5/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	5/1/2009	
Styrene	BQL	1.00	0.0850	1	5/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	5/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	5/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	5/1/2009	
Toluene	BQL	1.00	0.0760	1	5/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	5/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	5/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	5/1/2009	
Trichlorofluoromethane	BQL	1.00	0.111	1	5/1/2009	

Results for Metals

Client Sample ID: 4304-EB01
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-1
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14148 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 08:30
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00412	0.0100	0.00185	1	MG/L	6010B	4/30/2009	JB
Barium	0.0331	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00330	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00423	0.0100	0.00358	1	MG/L	6010B	4/30/2009	J
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00158	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

Client Sample ID: 4304-MW8
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-2
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14148 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 08:40
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	B
Barium	0.0450	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00320	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00630	0.0100	0.00358	1	MG/L	6010B	4/30/2009	J
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00129	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

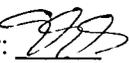
Client Sample ID: 4304-MW4
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-3
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14148 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 08:55
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	B
Barium	0.0296	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00340	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00197	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

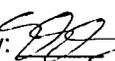
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 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-4
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14148 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:10
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	B
Barium	0.0295	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00429	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00560	0.0100	0.00358	1	MG/L	6010B	4/30/2009	J
Mercury	0.000089	0.000285	0.000024	1	MG/L	7470	4/29/2009	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00160	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

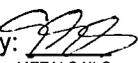
Client Sample ID: 4304-SW2
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-5
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14148 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:25
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	B
Barium	0.0275	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00282	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00442	0.0100	0.00358	1	MG/L	6010B	4/30/2009	J
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00158	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

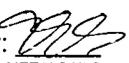
Client Sample ID: 4304-MW2
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-6
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14148 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:40
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	B
Barium	0.115	0.100	0.00512	1	MG/L	6010B	4/30/2009	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00291	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00482	0.0100	0.00358	1	MG/L	6010B	4/30/2009	J
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00116	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

Client Sample ID: 4304-MW7
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-7
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:50
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	
Barium	0.0630	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00301	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00574	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00169	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

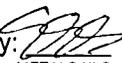
Client Sample ID: 4304-MW6
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-8
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 10:05
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00308	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0301	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00350	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	B
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00147	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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Results for Metals

Client Sample ID: 4304-SW1
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-9
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 10:20
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	
Barium	0.0362	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	0.000370	0.00100	0.000134	10	MG/L	6020	4/30/2009	J
Chromium	0.00370	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00391	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00138	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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Results for Metals

Client Sample ID: 4304-MW5
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-10
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 10:35
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	
Barium	0.0336	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00410	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	B
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00172	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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Results for Metals

Client Sample ID: 4304-MW9
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-11
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 10:50
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	
Barium	0.210	0.100	0.00512	1	MG/L	6010B	4/30/2009	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00282	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	B
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00118	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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 METALS.XLS

Results for Metals

Client Sample ID: 4304-SW1 (EXP)
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-12
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14166

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 11:20
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00196	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0217	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00271	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00449	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00166	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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Results for Metals

Client Sample ID: 4304-MW10
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-13
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 08:40
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00225	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0633	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00301	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	B
Mercury	0.000281	0.000285	0.000024	1	MG/L	7470	4/29/2009	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	BQL	0.0100	0.000812	1	MG/L	6010B	4/30/2009	B

Comments

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

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Results for Metals

Client Sample ID: 4304-MW18
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-14
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 08:55
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00222	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0486	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00390	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00638	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00169	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

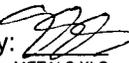
Client Sample ID: 4304-MW11
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-15
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:14
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00243	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0605	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00399	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00501	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00149	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

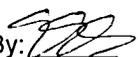
Client Sample ID: 4304-MW16
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-16
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:33
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00476	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0288	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00399	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00474	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00185	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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Results for Metals

Client Sample ID: 4304-MW14
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-17
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 09:55
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00250	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.177	0.100	0.00512	1	MG/L	6010B	4/30/2009	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00380	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00374	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00129	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

Client Sample ID: 4304-MW17
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-18
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 10:45
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00563	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0564	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00390	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	B
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00151	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
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Results for Metals

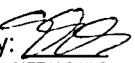
Client Sample ID: 4304-MW12
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-19
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 11:00
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00300	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0562	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00716	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00968	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00182	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

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Results for Metals

Client Sample ID: 4304-MW13
 Client Project ID: Central Carolina Tire Permit # 43-04
 Lab Sample ID: G847-39-20
 Lab Project ID: G847-39
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL
 Prep Batch: 14149 14167

Analyzed By: DCP PSW
 Date Collected: 4/23/2009 10:20
 Date Received: 4/24/2009
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	
Barium	0.0185	0.100	0.00512	1	MG/L	6010B	4/30/2009	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00360	0.0100	0.00115	1	MG/L	6010B	4/30/2009	JB
Lead	0.00751	0.0100	0.00358	1	MG/L	6010B	4/30/2009	JB
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	4/29/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00112	0.0100	0.000812	1	MG/L	6010B	4/30/2009	JB

Comments

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

Reviewed By: 
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Results for Metals

Client Sample ID: Lab Blank
 Client Project ID:
 Lab Sample ID: pb14148
 Lab Project ID:
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: Final Vol:
 Prep Batch: 14148

Analyzed By: PSW
 Date Collected:
 Date Received:
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	0.00296	0.0100	0.00185	1	MG/L	6010B	4/30/2009	J
Barium	0.0129	0.100	0.00512	1	MG/L	6010B	4/30/2009	J
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00420	0.0100	0.00115	1	MG/L	6010B	4/30/2009	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	4/30/2009	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00208	0.0100	0.000812	1	MG/L	6010B	4/30/2009	J

Comments

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

Reviewed By: 
 METALS.XLS

Results for Metals

Client Sample ID: Lab Blank
 Client Project ID:
 Lab Sample ID: pb14149
 Lab Project ID:
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL
 Hg InitWt/Vol: Final Vol:
 Prep Batch: 14149

Analyzed By: PSW
 Date Collected:
 Date Received:
 Matrix: WATER

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	4/30/2009	
Barium	0.0125	0.100	0.00512	1	MG/L	6010B	4/30/2009	J
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	4/30/2009	
Chromium	0.00320	0.0100	0.00115	1	MG/L	6010B	4/30/2009	J
Lead	0.00670	0.0100	0.00358	1	MG/L	6010B	4/30/2009	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	4/30/2009	
Silver	0.00148	0.0100	0.000812	1	MG/L	6010B	4/30/2009	J

Comments

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

Reviewed By: 
 METALS.XLS



SGS Environmental Services Inc. CHAIN OF CUSTODY RECORD

- Locations Nationwide
- Alaska
 - Maryland
 - New Jersey
 - New York
 - North Carolina
 - Ohio
 - West Virginia
- www.us.sgs.com

1 CLIENT: Brian S. Bostwick, P.G. PHONE NO: 919 366-3663

CONTACT: Same SITE/PWSID#: _____

PROJECT: Central Carolina Tire Permit # 43-04 EMAIL: _____

REPORTS TO: B.S.B. P.G.
1112 Bounding Iron Place
Wendell NC 27591

INVOICE TO: Same QUOTE #: 2185 P.O. #: _____

SGS Reference #: G047-39 page 1 of 2

# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	Preservatives Used	Analysis Required	Matrix		REMARKS/ LOC ID
				MATRIX CODE	MATRIX CODE	
1	-		3	DI	DI	
2	4		3	GW	GW	
3	4		3	↓	↓	
4	4		3	↓	↓	
5	4		3	SW	SW	
6	4		3	GW	GW	
7	4		3	↓	↓	
8	4		3	SW	SW	
9	4		3	SW	SW	
10	4		3	GW	GW	

Handwritten notes: (8) KCRA Metals, APPI VOCs/860

SGS Environmental Services, Inc.

Collected/Relinquished By: (1)	Date	Time	Received By:
<u>Quattrell</u>	<u>4/24/09</u>	<u>1700</u>	<u>Fed Ex</u>
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	<u>4/24/09</u>	<u>16:00</u>	<u>[Signature]</u>

4

DOD Project? YES NO

Cooler ID _____

Special Deliverable Requirements:

Requested Turnaround Time and/or Special Instructions:

Samples Received Cold? YES NO

Cooler TB _____

Temperature °C: 4.2

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT



SGS Environmental Services Inc. CHAIN OF CUSTODY RECORD

- Locations Nationwide
- Alaska
 - Maryland
 - New Jersey
 - New York
 - North Carolina
 - Ohio
 - West Virginia
- www.us.sgs.com

1 CLIENT: BSB, P.G.
 CONTACT: Same PHONE NO: 919-366-3663
 PROJECT: Central Concrete Tied Permit # 43-04 SITE/PWSID#: _____
 REPORTS TO: BSB, P.G. EMAIL: _____
1112 Bounding Iron Place
Wardell, NC 27591
 INVOICE TO: Same QUOTE #: 2185 P.O. #: _____

SGS Reference #: G847-39 page 2 of 2

SGS Environmental Services, Inc.

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB M= Multi Incremental Samples	Preservatives Used Analysis Required	REMARKS/LOC ID
11	4304 - MW 9	4/23/19	1050	GW	4	G	3	
12	4304 - SW 1 (EXP)		1120	SW				
13	4304 - MW 10		0840	GW				
14	4304 - MW 18		0855					
15	4304 - MW 11		0914					
16	4304 - MW 16		0933					
17	4304 - MW 14		0955					
18	4304 - MW 17		1045					
19	4304 - MW 12		1100					
20	4304 - MW 13		1030					

Handwritten notes in table:
 - Above row 11: (8) REGR MATS
 - Above row 11: APPI VOCs / (3)
 - Above row 11: 1

4

DOD Project?	YES	NO	Special Deliverable Requirements:

Requested Turnaround Time and/or Special Instructions:
21: TRIP Blanks included. To be sampled for APPI VOCs by 8260

Samples Received Cold? YES NO
 Cooler TB
 Temperature °C: 4.2

Chain of Custody Seal: (Circle) ABSENT
 INTACT BROKEN

5

Collected/Relinquished By: (1)	Date	Time	Received By:
<u>[Signature]</u>	4/23/19	1700	<u>Fedov</u>
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	4/24/19	10:00	<u>[Signature]</u>