

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):

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 Tire Monofill Phase III (Planned)	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	October 14-15, 2008

**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 or explosive methane gas limits 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

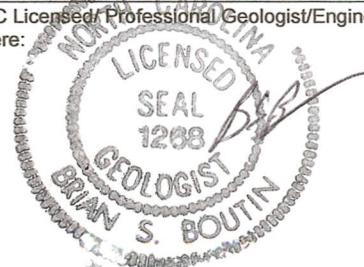
(Area Code) Telephone Number

Signature

November 7, 2008

Date

Affix NC Licensed Professional Geologist/Engineer Seal here:



November 7, 2008

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: October 2008  
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 October 2008. 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 October 14, 2008 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 October 14, 2008 are presented

in **Table 1**. The depth to groundwater across the site, as measured in the Type II groundwater-monitoring wells on October 14, 2008, generally ranged from approximately 4 feet (MW-12) to 18.5 feet (MW-16) below grade, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the October 14, 2008 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 0.013 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 October 14 and 15, 2008 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 (4.42 to 7.40). Specific conductance values ranged from 21 (MW-13 and MW-16) to 244 (MW-10)  $\mu\text{S}/\text{cm}$  in groundwater at the Type II monitoring wells. Turbidity values ranged from 6.2 (MW-14) to 37.2 (MW-10) 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 October 14 and 15, 2008 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 October 14, 2008 indicate that no Appendix I VOCs were reported in the surface water sample. Low levels of barium 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 and silver were reported in an associated 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 October 2008 indicate that methylene chloride was reported at low concentrations in the groundwater samples collected from monitoring wells MW-11, MW-12, MW-14, MW-16, MW-17 and MW-18. In addition, low levels of toluene were reported in the groundwater samples collected from monitoring wells MW-10 and MW-12. Both methylene chloride and toluene were reported at concentrations well below their respective 15A NCAC 2L .0202 groundwater quality standards. It is noted that both methylene chloride was also reported in the trip blank sample at a concentration similar to those reported in the groundwater samples. Therefore, the reported presence of

methylene chloride in these samples is considered suspect. No other Appendix I VOCs were reported in any of the groundwater samples.

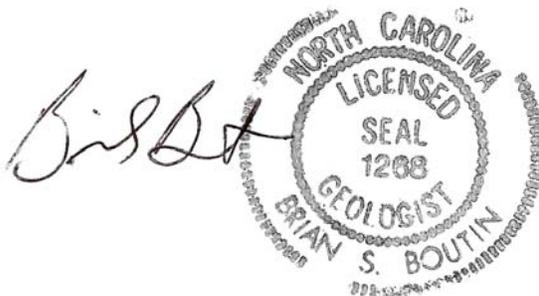
The results of the metals analyses of the groundwater samples indicate that barium and silver were reported in all of the samples. Arsenic was reported in one of the eight groundwater samples, chromium was reported in six of the groundwater samples, lead was reported in three of the groundwater samples and mercury was reported in one 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 October 2008 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.

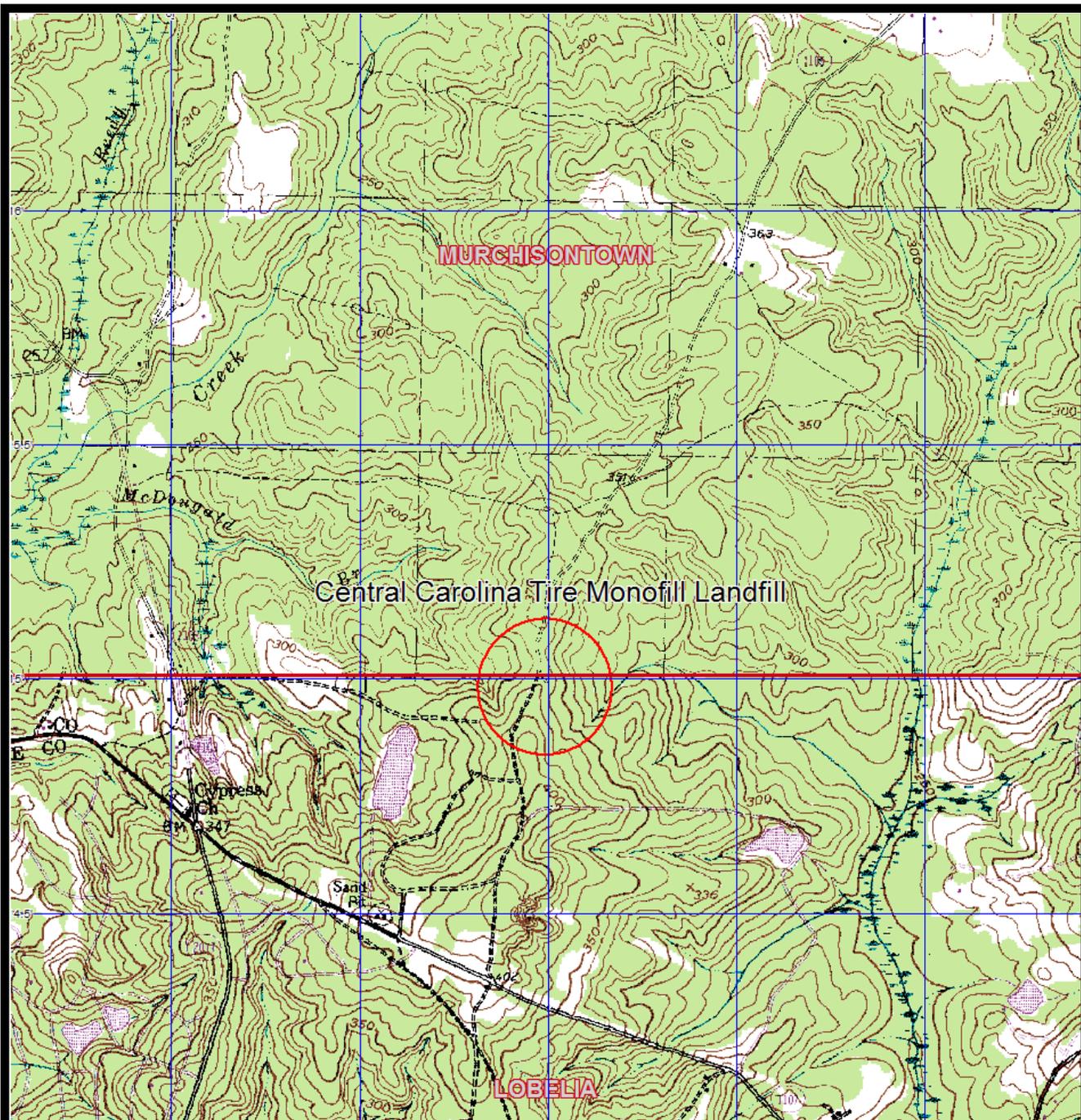
If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for April 2008.

Sincerely,

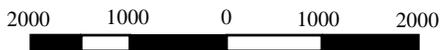


Brian S. Boutin, P.G.  
Consulting Geologist

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

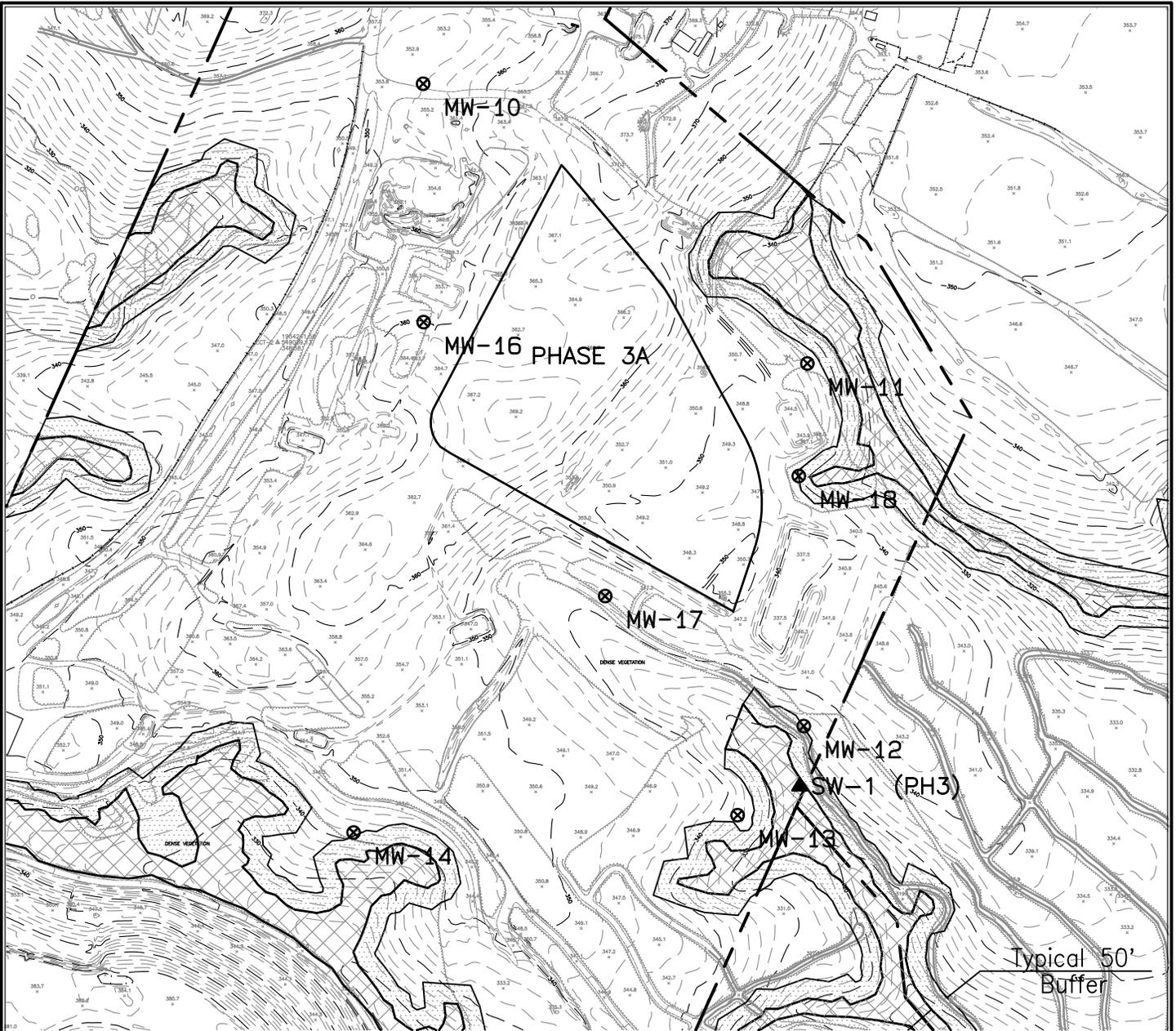
## Garrett and Moore, Inc.

Engineering Consulting Services  
 1428 Aversboro Rd., Suite D, Garner, NC 27529  
 Tel: (919) 926-7906 Fax: (866) 311-7206

### SITE LOCATION MAP

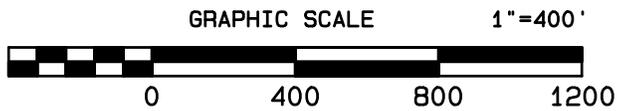
Central Carolina Tire Monofill Landfill  
 1616 McKoy Town Road  
 Cameron, Harnett County, North Carolina

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



**LEGEND**

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



**GARRETT AND MOORE, INC.**  
ENGINEERING CONSULTING SERVICES

1428 AVERSBO ROAD, SUITE D, GARNER, NORTH CAROLINA 27529

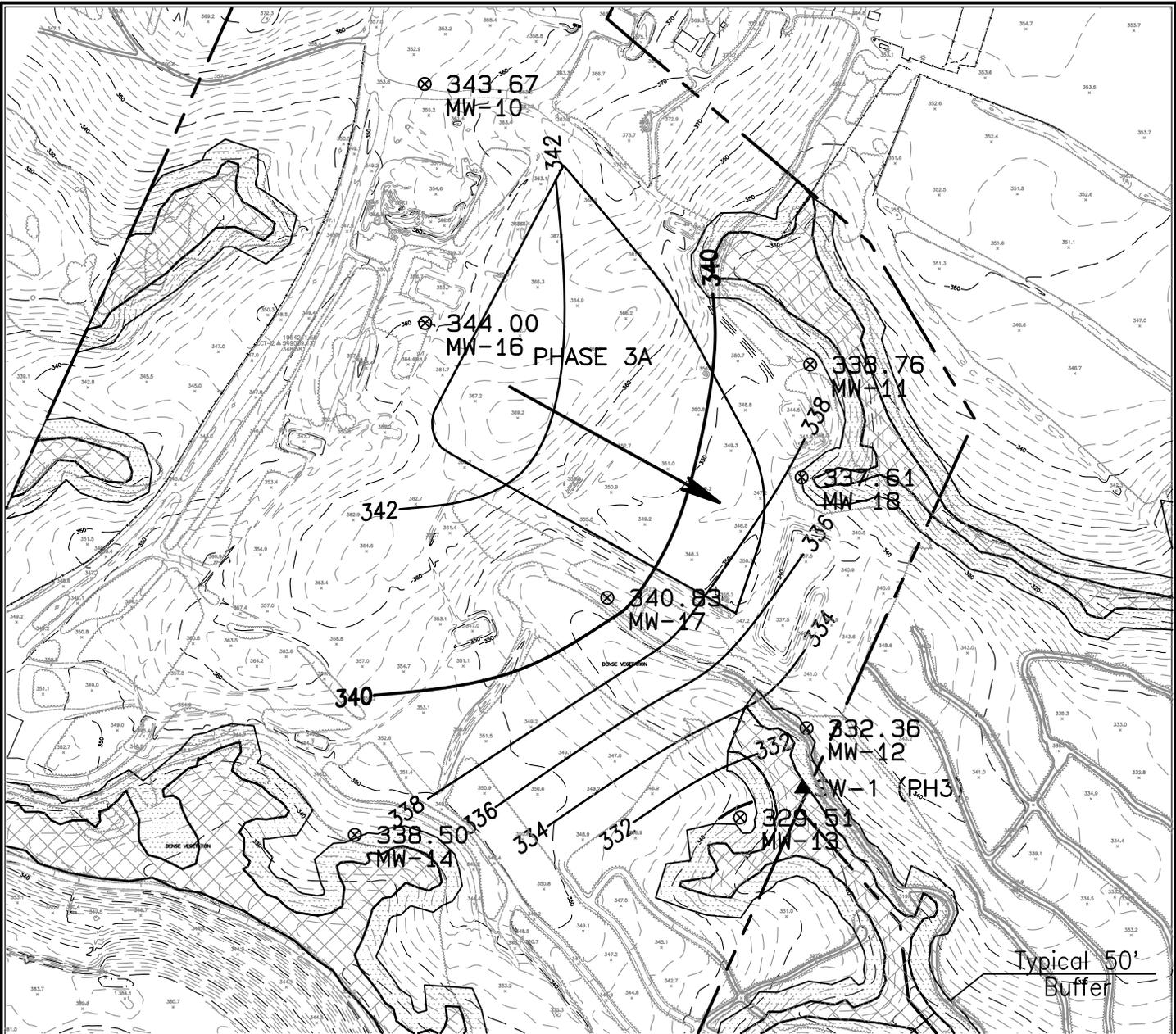
PH (919) 792.1900 WWW.GARRETT-MOORE.COM FAX (866.311.7206)

**CENTRAL CAROLINA TIRE  
PHASE 3 SITE MAP**

JOB #

FIG NO.

2



**LEGEND**

- ⊗ 355.85  
MW-9  
GROUNDWATER MONITORING WELL  
W/ APPROXIMATE GROUNDWATER ELEVATION  
AS OF OCTOBER 14, 2008
- ▲  
SW-1  
SURFACE WATER MONITORING LOCATION
- ←  
APPARENT DIRECTION OF  
GROUNDWATER FLOW
- ▨  
WETLANDS



GRAPHIC SCALE 1"=400'



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PH (919) 792.1900 WWW.GARRETT-MOORE.COM FAX (866.311.7206)

**CENTRAL CAROLINA TIRE  
PHASE 3 WATER-TABLE  
ELEVATION MAP OCTOBER 14, 2008**

JOB #

FIG NO.  
3

**Table 1**  
**Monitoring Well and Groundwater Data**  
**April 2008 Sampling Event**  
**October 14, 2008**  
**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	21.3	5.23	244	37.2
MW-11	23.8	2.0	347.80	345.70	9.04	338.76	20.1	4.93	26	12.8
MW-12	21.6	2.0	336.58	334.45	4.22	332.36	19.8	6.33	27	18.8
MW-13	20.6	2.0	339.47	337.36	9.96	329.51	20.1	5.30	21	12.4
MW-14	12.6	2.0	344.12	341.86	5.62	338.50	21.5	4.42	164	6.2
MW-16	28.9	2.0	362.53	360.59	18.53	344.00	19.6	5.06	21	9.8
MW-17	24.0	2.0	347.14	344.14	6.31	340.83	20.7	7.40	64	10.3
MW-18	14.8	2.0	344.71	342.45	7.10	337.61	20.3	4.79	26	8.3

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 October 2008 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	0.830 J	0.390 J	ND	0.560 J	0.560 J	0.450 J	0.910 J	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	5.54	ND	0.510 JB	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	ND	ND	ND	ND	ND	ND	ND	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	ND	1.91 J	ND	ND	ND	ND	ND	ND	ND	10	50
Barium	17.9 JB	53.8 JB	44.6 JB	23.8 JB	14.9 JB	185 B	31.1 JB	89.5 JB	43.8 JB	100	2000
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1.75
Chromium	ND	1.45 JB	1.35 JB	3.25 JB	ND	1.77 JB	1.87 JB	ND	1.25 JB	10	50
Lead	ND	ND	ND	4.80 J	4.75 J	5.06 J	ND	ND	ND	10	15
Mercury	ND	ND	ND	ND	ND	ND	0.114 J	ND	ND	0.20	1.05
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Silver	3.75 JB	3.41 JB	3.91 JB	4.01 JB	3.65 JB	3.11 JB	4.10 JB	4.19 JB	3.72 JB	10	17.5
Notes:	Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standard for Class GA groundwater.      J = Estimated value above laboratory method detection limit and below SWSL or reporting limit. NCAC 2L STD = North Carolina Groundwater Standard established in Title 15A of North Carolina Administrative Code Subchapter 2L.      B = Analyte found in associated field and/or laboratory blank. SWSL = Solid Waste Section Limit ND = None detected above laboratory method detection limit. NS = Not Sampled, No sample exists for this sampling period										

**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
Well No: MW-10										
Arsenic	10	ND	ND	ND	ND	3.7 J	3.09 JB	ND	ND	1.91 J
Barium	2000	ND	100	ND	107	101	92.5 JB	78.0 J	39.2 JB	53.8 JB
Cadmium	1.75	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
Lead	15	ND	ND	ND	ND	ND	1.30 J	5.11 J	4.90 J	ND
Mercury	1.05	ND	ND	ND	ND	ND	0.082 J	ND	ND	ND
Selenium	50	ND	ND	ND	ND	ND	8.40 J	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	2.37 JB	3.41 JB
Acetone	700	ND	ND	ND	ND	ND	ND	ND	1.83 JB	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	5.54
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
Well No: MW-11										
Arsenic	10	ND	ND	ND	ND	2.2 J	1.54 JB	2.59 J	ND	ND
Barium	2000	ND	ND	ND	ND	86	23.7 JB	19.5 J	55.1 JB	44.6 JB
Cadmium	1.75	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
Lead	15	ND	ND	ND	ND	ND	ND	ND	10.60	ND
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	50	ND	ND	ND	ND	2.2 J	ND	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	2.03 JB	3.91 JB
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	0.830 J
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
Well No: MW-12										
Arsenic	10	ND	ND	ND	ND	4.1 J	5.30 JB	ND	2.32 J	ND
Barium	2000	ND	ND	ND	ND	14	136 JB	97.8 J	46.2 JB	23.8 JB
Cadmium	1.75	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
Lead	15	ND	ND	ND	ND	ND	15.00	ND	6.31 J	4.80 J
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	7.32 J	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	1.93 JB	4.01 JB
Chloroform	70	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	0.390 J
Toluene	1000	4.0	ND	ND	ND	3.0	ND	ND	0.510 JB	0.510 JB
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
Well No: MW-13										
Arsenic	10	ND	ND	ND	ND	3.0 J	1.67 JB	3.79 J	ND	ND
Barium	2000	ND	ND	ND	ND	5 J	9.75 JB	9.36 J	19.8 JB	14.9 JB
Cadmium	1.75	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
Lead	15	ND	ND	ND	ND	ND	3.25 J	ND	8.32 J	4.75 J
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	50	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
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
Well No: MW-14										
Arsenic	10	ND	ND	ND	ND	2.4 J	0.57 JB	3.12 J	ND	ND
Barium	2000	100	120	120	101	110	105 JB	113.0	180 B	185 B
Cadmium	1.75	ND	ND	ND	ND	ND	0.39 J	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	5.13 JB	1.46 J	4.86 JB	1.77 JB
Lead	15	ND	ND	ND	ND	ND	9.96 J	3.62 J	8.51 J	5.06 J
Mercury	1.05	ND	ND	ND	ND	ND	0.085 J	ND	ND	ND
Selenium	50	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
Acetone	700	ND	ND	ND	ND	ND	ND	8.25 JB	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	0.560 J

**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.

**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
Well No: MW-16										
Arsenic	10	NA	NA	NA	NA	2.5 J	ND	1.86 J	ND	ND
Barium	2000	NA	NA	NA	NA	58	19.9 JB	8.81 J	69.8 JB	31.1 JB
Cadmium	1.75	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	2.66 JB	ND	3.07 JB	1.87 JB
Lead	15	NA	NA	NA	NA	ND	ND	ND	8.15 J	ND
Mercury	1.05	NA	NA	NA	NA	0.17 J	0.045 JB	ND	ND	0.114 J
Selenium	50	NA	NA	NA	NA	2.8 J	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	1.42 JB	ND	1.66 JB	4.10 JB
Acetone	700	NA	NA	NA	NA	ND	ND	ND	2.42 JB	ND
Methylene Chloride	5	NA	NA	NA	NA	ND	ND	ND	ND	0.560 J
Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008
Well No: MW-17										
Arsenic	10	NA	NA	NA	NA	4.1 J	2.13 JB	ND	ND	ND
Barium	2000	NA	NA	NA	NA	287	131 B	91.7 J	71.9 JB	89.5 JB
Cadmium	1.75	NA	NA	NA	NA	0.50 J	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	2.92 JB	1.76 J	2.47 JB	ND
Lead	15	NA	NA	NA	NA	ND	ND	ND	5.88 J	ND
Mercury	1.05	NA	NA	NA	NA	0.19 J	0.048 JB	ND	ND	ND
Selenium	50	NA	NA	NA	NA	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	1.27 JB	ND	2.26 JB	4.19 JB
Methylene Chloride	5	NA	NA	NA	NA	ND	ND	ND	ND	0.450 J
Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008
Well No: MW-18										
Arsenic	10	NA	NA	NA	NA	3.9 J	ND	4.49 J	ND	ND
Barium	2000	NA	NA	NA	NA	65	28.5 JB	26.3 J	43.1 JB	43.8 JB
Cadmium	1.75	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	2.66 JB	ND	2.32 JB	1.25 JB
Lead	15	NA	NA	NA	NA	ND	ND	4.04 J	4.07 J	ND
Mercury	1.05	NA	NA	NA	NA	0.16 J	0.047 JB	ND	ND	ND
Selenium	50	NA	NA	ND	NA	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	1.33 JB	ND	2.07 JB	3.72 JB
Methylene Chloride	5	NA	NA	NA	NA	ND	ND	ND	ND	0.910 J
Sampling Date:	2L Standard	NA	NA	NA	NA	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008
Well No: SW-1(Exp)										
Arsenic	10	NA	NA	NA	NA	ND	0.72 JB	4.32 J	ND	ND
Barium	2000	NA	NA	NA	NA	10 J	28.2 JB	36.2 J	44.4 JB	17.9 JB
Cadmium	1.75	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chromium	50	NA	NA	NA	NA	ND	5.57 JB	1.61 J	1.73 JB	ND
Lead	15	NA	NA	NA	NA	ND	3.24 J	4.88 J	6.43 J	ND
Mercury	1.05	NA	NA	NA	NA	0.14 J	ND	ND	ND	ND
Selenium	50	NA	NA	ND	NA	ND	ND	ND	ND	ND
Silver	17.5	NA	NA	NA	NA	ND	ND	ND	2.53 JB	3.75 JB
Styrene	100	NA	NA	NA	NA	ND	ND	0.260 J	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>10/14/08</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>0900</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>0935</u> am/pm
Weather Conds:	<u>June 60°</u>	Collector(s) <u>JEFF LEAVER, AARON HILL</u>

**WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 26.50 c. Casing Material PVC Well  Piezometer   
 b. Water Table Depth 12.61 d. Casing Diameter 2 e. Length of Water Column 13.89 (a-b)  
 f. Calculated Well Volume (see back) 2.3

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)  
 - Minimum Required Purge Volume (@ 3 well volumes) 6.8  
 - 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
0910	2.5	20.9	5.20	241	124	cloudy	NONE
0917	5.0	21.5	5.21	243	169	↓	↓
0924	7.0	21.3	5.23	244	177	↓	↓

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	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Have parameters stabilized	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <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	1550
4304-MW10	500 ml PLASTIC	1	HN03	RCRA METALS	1550

TURB. 37.2

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill

Date 10/14/08

Well/Piezo ID: MW-11

## Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	10:15 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	10:40 am/pm
Weather Conds:	SUNNY 67°	Collector(s)	JEFF LEAVER, AARON HILL

**WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 23.80 c. Casing Material PVC Well  Piezometer

b. Water Table Depth 9.04 d. Casing Diameter 2 e. Length of Water Column 14.76 (a-b)

f. Calculated Well Volume (see back) 2.4

**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
1020	3	20.5	5.09	28	914	lt. bl	none
1025	5	20.3	4.90	27	>1,000	↓	↓
1029	7	20.1	4.92	27	↓	↓	↓
1033	9	20.1	4.93	26	↓	↓	↓

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	0900
4304-mw11	500 ml PLASTIC	1	HN03	RCRA METALS	0900

TURB. 10/15/08  
12.8

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill

Date 10/14/08

Well/Piezo ID: MW-12

### Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	1425 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1510 am/pm
Weather Conds:	SUNNY 86°	Collector(s)	JEFF LEAVER, AARON HILL

#### WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length 21.40 c. Casing Material PVC Well  Piezometer

b. Water Table Depth 4.22 d. Casing Diameter 2 e. Length of Water Column 17.18 (a-b)

f. Calculated Well Volume (see back) 2.8

#### WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 8.4

- 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
1433	3	20.3	6.94	41	>1,000	TAN	NONE
1440	6	20.0	6.41	30	↓	↓	↓
1445	9	19.9	6.35	28	↓	↓	↓
1452	11	19.8	6.33	27	↓	↓	↓

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	0945
4304-MW12	500 ml PLASTIC	1	HN03	RCRA METALS	0945

Turb. 10/15/08  
18.8

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill

Date 10/14/08

Well/Piezo ID: MW-13

## Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	1233 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1312 am/pm
Weather Conds:	SUNNY 80° Collector(s) JEFF LEAVER, AARON HILL		

**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 10.54 (a-b)

b. Water Table Depth 9.96 d. Casing Diameter 2 f. Calculated Well Volume (see back) 1.7

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 5.2
- 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
1240	2	21.6	5.17	17	> 4,000	TAN	NONE
1246	4	20.4	5.27	16	↓	↓	↓
1252	6	20.2	5.29	19	↓	↓	↓
1256	8	20.1	5.30	21	↓	↓	↓

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	0955
4304-MW13	500 ml PLASTIC	1	HN03	RCRA METALS	0955

TURB. 10/15/08  
12.4

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill Date 10/14/08

Well/Piezo ID: MW-14

## Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date: <u>10/14/08</u>
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start <u>1130</u> am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish <u>1210</u> am/pm
Weather Conds:	<u>SUNNY 76°</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>	Well <input checked="" type="checkbox"/>	Piezometer <input type="checkbox"/>
b. Water Table Depth	<u>5.62</u>	d. Casing Diameter	<u>2</u>	e. Length of Water Column	<u>6.88</u> (a-b)
			f. Calculated Well Volume (see back)	<u>1.1</u>	

**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
1140	1.0	21.9	4.33	156	>1,000	Brown	NONE
1147	2.5	21.6	4.36	160	↓	↓	↓
1155	3.5	21.5	4.40	163			
1200	5.0	21.5	4.42	164	↓	↓	↓

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	0925
4304-MW14	500 ml PLASTIC	1	HN03	RCRA METALS	0925

TURB. 10/15/08  
6.2

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill Date 10/14/08

Well/Piezo ID: MW-16

## Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	1050 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1115 am/pm
Weather Conds:	SUNNY 70° Collector(s) JEFF LEAVER, AARON HILL		

**WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 28.36 c. Casing Material PVC Well  Piezometer

b. Water Table Depth 18.53 d. Casing Diameter 2 e. Length of Water Column 9.83 (a-b)

f. Calculated Well Volume (see back) 1.6

**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
1056	2	21.0	4.73	24	>1,000	TAN	NONE
1100	4	19.8	4.99	22	↓	↓	↓
1105	5	19.7	5.04	21	↓	↓	↓
1109	6	19.6	5.06	21	↓	↓	↓

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-MW16	VOA	3	HCL	8260	0915
4304-MW16	500 ml PLASTIC	1	HN03	RCRA METALS	0915

TURB. 10/15/08  
~~0.8~~ 9.8

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill Date 10/14/08

Well/Piezo ID: mw-17

## Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG Date: 10/14/08  
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304 Time: Start 1330 am/pm  
Site Location: CAMERON, NC LAB QUOTE #2185 Finish 1410 am/pm  
Weather Conds: SUNNY 84° Collector(s) JEFF LEAVER, AARON HILL

### WATER LEVEL DATA: (measured from Top of Casing)

a. Total Well Length 20.20 c. Casing Material PVC Well  Piezometer   
b. Water Table Depth 6.31 d. Casing Diameter 2 e. Length of Water Column 13.89 (a-b)  
f. Calculated Well Volume (see back) 2.3

### WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 6.8  
- Maximum Allowable Turbidity N/A NTUs  
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
<u>OAKTON</u>	<u>PH/CON10</u>	
<u>HACH</u>	<u>2100P</u>	

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
1340	2.5	21.0	6.62	124	>1,000	LT. BR	NONE
1346	5.0	21.3	7.27	83	↓	↓	↓
1352	7.0	21.0	7.36	67	↓	↓	↓
1359	9.0	20.7	7.40	64	↓	↓	↓

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-mw17	VOA	3	HCL	8260	0935
4304-mw17	500 ml PLASTIC	1	HNO3	RCRA METALS	0935

TURB. 10/15/08  
10.3

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill

Date 10/14/08

Well/Piezo ID: MW-18

## Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	0940 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1010 am/pm
Weather Conds:	SUNNY 64°	Collector(s)	JEFF LEAVER, AARON HILL

**WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 15.20 c. Casing Material PVC e. Length of Water Column 8.10 (a-b)

b. Water Table Depth 7.10 d. Casing Diameter 2 f. Calculated Well Volume (see back) 1.3

Well  Piezometer

**WELL PURGING DATA**

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)

- Minimum Required Purge Volume (@ 3 well volumes) 4.0
- 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
0948	2	20.6	5.00	36	> 1,000	BROWN	NONE
0954	4	20.6	4.81	28	↓	↓	↓
0958	5	20.4	4.79	26	↓	↓	↓
1002	6	20.3	4.79	26	↓	↓	↓

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	0830
4304-MW18	500 ml PLASTIC	1	HN03	RCRA METALS	0830

TURB. 10/14/08  
8.3

Comments \_\_\_\_\_

Signature Jeff Leaver, Aaron Hill Date 10/14/08

**APPENDIX B**

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



**Case Narrative**

Brian S. Boutin, P.G.

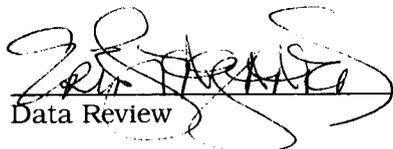
SGS Project: **G847-29**

Project Name: **Central Carolina Tire Permit #43-04**

**SGS Environmental Services Inc.**

**October 24, 2008**

- Twenty water samples and one trip blank were accepted into the laboratory on October 16, 2008 at 1015 for analyses as indicated on the chain of custody. The samples were received in good condition, with a temperature range of 4.8-5.2°C.
- All analyses were completed within holding time limits, with the following quality control exceptions.
- Methylene Chloride was detected in the associated trip blank below the reporting limit but above the method detection limit. It was also detected in many of the samples at similar concentrations. This compound is a common laboratory solvent and the detections may be due to the background concentration found in the trip blank.

  
Data Review

Date 24 OCT 08

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

P/D = Detected, but RPD is > 25/40% 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

% soilds = Percent Solids

Special Notes:

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

**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: G847-29-1A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 9:30  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	<b>0.340</b>	5.00	0.0790	1	10/20/2008	J
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-1A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 9:30  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	9.71	97
4-Bromofluorobenzene	10	10.1	101

**Comments:**

**Flags:**

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

Analyst:                     

Reviewed By:

**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: G847-29-2A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 10:20  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	<b>0.120</b>	1.00	0.0770	1	10/20/2008	J
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	<b>0.960</b>	1.00	0.0690	1	10/20/2008	J
Toluene	<b>0.450</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-2A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 10:20  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	<b>0.700</b>	5.00	0.0650	1	10/20/2008	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.74	97
4-Bromofluorobenzene	10	9.99	100

**Comments:**

**Flags:**

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

Analyst:           *Z*          

Reviewed By:           *CLP*

**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: G847-29-3A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 11:10  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	<b>0.220</b>	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	<b>0.820</b>	10.0	0.106	1	10/20/2008	J
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.310</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-3A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 11:10  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	<b>0.540</b>	5.00	0.0650	1	10/20/2008	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.82	98
4-Bromofluorobenzene	10	9.89	99

**Comments:**

**Flags:**

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

Analyst: 3/

Reviewed By: [Signature]

**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: G847-29-4A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 11:50  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	<b>0.120</b>	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	<b>0.230</b>	5.00	0.0650	1	10/20/2008	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.110</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.270</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-4A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 11:50  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	<b>0.330</b>	5.00	0.0650	1	10/20/2008	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	9.71	97
4-Bromofluorobenzene	10	9.75	98

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-5A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 13:35  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.160</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.260</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-5A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 13:35  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	<b>0.390</b>	5.00	0.0650	1	10/20/2008	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.68	97
4-Bromofluorobenzene	10	9.4	94

**Comments:**

**Flags:**

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

Analyst:                     

Reviewed By:           

**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: G847-29-6A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 12:45  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	



**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: G847-29-7A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 14:05  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	<b>0.250</b>	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.320</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	



**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: G847-29-8A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 14:43  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	<b>0.880</b>	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.180</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-8A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 14:43  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

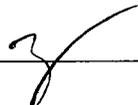
Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	<b>0.380</b>	5.00	0.0650	1	10/20/2008	J

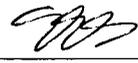
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.86	99
4-Bromofluorobenzene	10	9.58	96

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-9A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 15:00  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	<b>0.260</b>	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-9A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 15:00  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

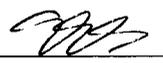
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.97	100
4-Bromofluorobenzene	10	9.92	99

**Comments:**

**Flags:**

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

Analyst:                     

Reviewed By:           

**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: G847-29-10A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 15:30  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.210</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-10A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 15:30  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	<b>0.280</b>	5.00	0.0650	1	10/20/2008	J

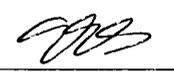
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.88	99
4-Bromofluorobenzene	10	9.68	97

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-11A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/14/2008 16:15  
Date Received: 10/16/2008  
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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	<b>0.210</b>	1.00	0.0770	1	10/20/2008	J
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	<b>0.810</b>	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	



**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: G847-29-12A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/14/2008 15:30  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

<b>Compound</b>	<b>Result</b>	<b>SWSL</b>	<b>MDL</b>	<b>Dilution</b>	<b>Date</b>	<b>Flag</b>
	<b>UG/L</b>	<b>Limit UG/L</b>	<b>UG/L</b>	<b>Factor</b>	<b>Analyzed</b>	
Acetone	BQL	100	2.18	1	10/21/2008	
Acetonitrile	BQL	55.0	2.58	1	10/21/2008	
Acrylonitrile	BQL	200	2.93	1	10/21/2008	
Benzene	BQL	1.00	0.0650	1	10/21/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/21/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/21/2008	
Bromoform	BQL	3.00	0.120	1	10/21/2008	
Bromomethane	BQL	10.0	0.133	1	10/21/2008	
2-butanone	BQL	100	0.544	1	10/21/2008	
Carbon disulfide	BQL	100	0.0690	1	10/21/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/21/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/21/2008	
Chloroethane	BQL	10.0	0.106	1	10/21/2008	
Chloroform	BQL	5.00	0.0790	1	10/21/2008	
Chloromethane	BQL	1.00	0.146	1	10/21/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/21/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/21/2008	
Dibromomethane	BQL	10.0	0.113	1	10/21/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/21/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/21/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/21/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/21/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/21/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/21/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/21/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/21/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/21/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/21/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/21/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/21/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/21/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/21/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/21/2008	
2-hexanone	BQL	50.0	0.720	1	10/21/2008	
Iodomethane	BQL	10.0	0.0420	1	10/21/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/21/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/21/2008	
Styrene	BQL	1.00	0.0850	1	10/21/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/21/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/21/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/21/2008	
Toluene	BQL	1.00	0.0760	1	10/21/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/21/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/21/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/21/2008	



**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: G847-29-13A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 15:50  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	<b>5.54</b>	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-13A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/14/2008 15:50  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.93	99
4-Bromofluorobenzene	10	10	100

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-14A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 8:30  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.910</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-14A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 8:30  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

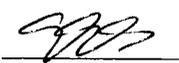
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.87	99
4-Bromofluorobenzene	10	10.6	106

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-15A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:00  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.830</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-15A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:00  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

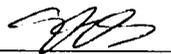
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.75	98
4-Bromofluorobenzene	10	10.4	104

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-16A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:15  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.560</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	



**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: G847-29-17A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:25  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.560</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	



**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: G847-29-18A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:35  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.450</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-18A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:35  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

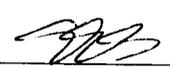
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.88	99
4-Bromofluorobenzene	10	10.5	105

**Comments:**

**Flags:**

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

Analyst: 

Reviewed By: 

**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: G847-29-19A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:45  
 Date Received: 10/16/2008  
 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	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	<b>0.390</b>	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

**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: G847-29-19A  
 Lab Project ID: G847-29

Analyzed By: MJC  
 Date Collected: 10/15/2008 9:45  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	BQL	5.00	0.0650	1	10/20/2008	

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

**Comments:**

**Flags:**

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

Analyst:           *z*          

Reviewed By:           *MJC*

**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: G847-29-20A  
Lab Project ID: G847-29

Analyzed By: CLP  
Date Collected: 10/15/2008 9:55  
Date Received: 10/16/2008  
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	10/23/2008	
Acetonitrile	BQL	55.0	2.58	1	10/23/2008	
Acrylonitrile	BQL	200	2.93	1	10/23/2008	
Benzene	BQL	1.00	0.0650	1	10/23/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/23/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/23/2008	
Bromoform	BQL	3.00	0.120	1	10/23/2008	
Bromomethane	BQL	10.0	0.133	1	10/23/2008	
2-butanone	BQL	100	0.544	1	10/23/2008	
Carbon disulfide	BQL	100	0.0690	1	10/23/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/23/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/23/2008	
Chloroethane	BQL	10.0	0.106	1	10/23/2008	
Chloroform	BQL	5.00	0.0790	1	10/23/2008	
Chloromethane	BQL	1.00	0.146	1	10/23/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/23/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/23/2008	
Dibromomethane	BQL	10.0	0.113	1	10/23/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/23/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/23/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/23/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/23/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/23/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/23/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/23/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/23/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/23/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/23/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/23/2008	
2-hexanone	BQL	50.0	0.720	1	10/23/2008	
Iodomethane	BQL	10.0	0.0420	1	10/23/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/23/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/23/2008	
Styrene	BQL	1.00	0.0850	1	10/23/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/23/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/23/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/23/2008	
Toluene	BQL	1.00	0.0760	1	10/23/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/23/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/23/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/23/2008	

**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: G847-29-20A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/15/2008 9:55  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

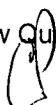
Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/23/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/23/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/23/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/23/2008	
Total Xylene	BQL	5.00	0.0650	1	10/23/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.86	99
4-Bromofluorobenzene	10	9.93	99

**Comments:**

**Flags:**

BQL = Below Quantitation Limits.

Analyst:  \_\_\_\_\_

Reviewed By:  \_\_\_\_\_

**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: G847-29-21A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/15/2008 0:00  
 Date Received: 10/16/2008  
 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	10/23/2008	
Acetonitrile	BQL	55.0	2.58	1	10/23/2008	
Acrylonitrile	BQL	200	2.93	1	10/23/2008	
Benzene	BQL	1.00	0.0650	1	10/23/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/23/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/23/2008	
Bromoform	BQL	3.00	0.120	1	10/23/2008	
Bromomethane	BQL	10.0	0.133	1	10/23/2008	
2-butanone	BQL	100	0.544	1	10/23/2008	
Carbon disulfide	BQL	100	0.0690	1	10/23/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/23/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/23/2008	
Chloroethane	BQL	10.0	0.106	1	10/23/2008	
Chloroform	BQL	5.00	0.0790	1	10/23/2008	
Chloromethane	BQL	1.00	0.146	1	10/23/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/23/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/23/2008	
Dibromomethane	BQL	10.0	0.113	1	10/23/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/23/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/23/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/23/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/23/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/23/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/23/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/23/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/23/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/23/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/23/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/23/2008	
2-hexanone	BQL	50.0	0.720	1	10/23/2008	
Iodomethane	BQL	10.0	0.0420	1	10/23/2008	
Methylene chloride	<b>0.180</b>	1.00	0.0980	1	10/23/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/23/2008	
Styrene	BQL	1.00	0.0850	1	10/23/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/23/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/23/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/23/2008	
Toluene	BQL	1.00	0.0760	1	10/23/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/23/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/23/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/23/2008	

**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: G847-29-21A  
 Lab Project ID: G847-29

Analyzed By: CLP  
 Date Collected: 10/15/2008 0:00  
 Date Received: 10/16/2008  
 Matrix: Water  
 Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/23/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/23/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/23/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/23/2008	
Total Xylene	BQL	5.00	0.0650	1	10/23/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	9.92	99
4-Bromofluorobenzene	10	9.86	99

**Comments:**

**Flags:**

BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: MS

**Results for Metals**

Client Sample ID: 4304-EB01  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-1  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 09:30  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0195</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00339</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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: G847-29-2  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 10:20  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0461</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00125</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00390</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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: G847-29-3  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 11:10  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0296</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	<b>0.000160</b>	0.00100	0.000134	10	MG/L	6020	10/23/2008	J
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00390</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW3  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-4  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL      Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL      Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 11:50  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0286</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	<b>0.00377</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	<b>0.000090</b>	0.000285	0.000037	1	MG/L	7470	10/22/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00374</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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: G847-29-5  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 13:35  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0867</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00177</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00357</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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: G847-29-6  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 12:45  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0556</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00282</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	<b>0.00625</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00373</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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: G847-29-7  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 14:05  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0618</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00146</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	<b>0.00402</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00362</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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**

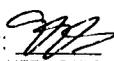
Client Sample ID: 4304-MW6  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-8  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 14:43  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0341</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	<b>0.00370</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00379</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-SW1  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-9  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 15:00  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	<b>0.00278</b>	0.0100	0.00185	1	MG/L	6010B	10/21/2008	J
Barium	<b>0.384</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00209</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	<b>0.00711</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00207</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW5  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-10  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 15:30  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0309</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00125</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00374</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW9  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-11  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 16:15  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0501</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00135</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00395</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-SW1 (Exp)  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-12  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 15:30  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0179</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00375</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW10  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-13  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/14/2008 15:50  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	<b>0.00191</b>	0.0100	0.00185	1	MG/L	6010B	10/21/2008	J
Barium	<b>0.0538</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00145</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00341</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW18  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-14  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/15/2008 08:30  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0438</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00125</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00372</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:00
Lab Sample ID:	G847-29-15	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:	40 mL	Final Vol:	57 mL
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0446</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00135</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00391</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

## Comments

BQL = Below Quantitation Limits

DF = Dilution Factor

J = Between MDL and RL

B= Amount in Prep Blank &gt; 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: G847-29-16  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/15/2008 09:15  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0311</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00187</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	<b>0.000114</b>	0.000285	0.000037	1	MG/L	7470	10/22/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00410</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW14  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-17  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/15/2008 09:25  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.185</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00177</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	<b>0.00506</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00311</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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: G847-29-18  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/15/2008 09:35  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0895</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00419</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW12  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-19  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/15/2008 09:45  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0238</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	<b>0.00325</b>	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	<b>0.00480</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00401</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	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-MW13  
 Client Project ID: Central Carolina Tire Permit #43-04  
 Lab Sample ID: G847-29-20  
 Lab Project ID: G847-29  
 ICP InitWt/Vol: 50 mL Final Vol: 50 mL  
 Hg InitWt/Vol: 40 mL Final Vol: 57 mL  
 Prep Batch: 12705 12734

Analyzed By: PSW DCP  
 Date Collected: 10/15/2008 09:55  
 Date Received: 10/16/2008  
 Matrix: WATER

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	<b>0.0149</b>	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	<b>0.00475</b>	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	<b>0.00365</b>	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By:   
 METALS.XLS



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

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

089890

1 CLIENT: Brian S. Bostin, P.G. PHONE NO: (919) 366-3663

CONTACT: Same SITE/PWSID#: \_\_\_\_\_

PROJECT: Central Carolina Tire Plant # 43-04 E-MAIL: \_\_\_\_\_

REPORTS TO: BSB, P.G. FAX NO: \_\_\_\_\_

1112 Branding Iron Place QUOTE # 2185

Wendell, NC 27591 P.O. NUMBER \_\_\_\_\_

INVOICE TO: Same

SGS Reference: 6847-29 PAGE 1 OF 2

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
1	4304-EB01	10/14/08	0930	DF	4	G			
2	4304-MW8		1020	GW					
3	4304-MW4		1110						
4	4304-MW3		1150						
5	4304-MW2		1335						
6	4304-SW2		1245	SW					
7	4304-MW7		1405	GW					
8	4304-MW6		1443						
9	4304-SW1		1500	SW					
10	4304-MW5		1530	GW					

Shipping Carrier: \_\_\_\_\_  
 Shipping Ticket No: \_\_\_\_\_  
 Samples Received Cold? (Circle) YES NO  
 Temperature : C: 4.8 5.2 C  
 Chain of Custody Seal: (Circle) INTACT BROKEN  
 Special Deliverable Requirements: \_\_\_\_\_  
 Special Instructions: \_\_\_\_\_

Requested Turnaround Time: \_\_\_\_\_ Date Needed \_\_\_\_\_

RUSH  STD

2

3

4

5

Collected/Relinquished By: (1) \_\_\_\_\_  
 Relinquished By: (2) \_\_\_\_\_  
 Relinquished By: (3) \_\_\_\_\_  
 Relinquished By: (4) \_\_\_\_\_

Received By: Fedex  
 Received By: \_\_\_\_\_  
 Received By: \_\_\_\_\_

Date: 10/16/08  
 Date: \_\_\_\_\_  
 Date: \_\_\_\_\_

Time: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Time: \_\_\_\_\_

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301  
 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557  
 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761  
 White - Retained by Lab  
 Yellow - Returned with Report  
 Pink - Retained by Sampler



# CHAIN OF CUSTODY RECORD SGS Environmental Services Inc.

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

089887

1 CLIENT: Brian S. Barton, PG PHONE NO: 919.366-3663

CONTACT: Same SITE/PWSID#: \_\_\_\_\_

PROJECT: Central Carolina E-MAIL: \_\_\_\_\_

REPORTS TO: BSB PG FAX NO: \_\_\_\_\_

1112 Pumping Iron Place

Wendell, NC 27591

INVOICE TO: \_\_\_\_\_ QUOTE # 2105

Same P.O. NUMBER \_\_\_\_\_

SGS Reference: \_\_\_\_\_

6847-29 PAGE 2 OF 2

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
11	4304-MW09	10/14/18	1615	GW	4	G			
12	4304-SW1(Exp)	↓	1530	SW					
13	4304-MW10		1550	GW					
14	4304-MW18	10/15/18	0830						
15	4304-MW11		0900						
16	4304-MW16		0915						
17	4304-MW14		0925						
18	4304-MW17		0935						
19	4304-MW12		0945						
20	4304-MW13		0955						

4

Shipping Carrier: \_\_\_\_\_

Shipping Ticket No: \_\_\_\_\_

Special Deliverable Requirements: \_\_\_\_\_

Special Instructions: TRIP Blank included: 2 vocs

W for APP I VOCs by 8260

Requested Turnaround Time: \_\_\_\_\_

RUSH  STD

Date Needed: \_\_\_\_\_

5

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
<u>Denford</u>	10/15/18	1800	<u>FedEx</u>		
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			<u>John John</u>	10/18/18	0915
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

Samples Received Cold? (Circle) YES NO

Temperature (C): 48.5-21c

Chain of Custody Seal: (Circle) INTACT BROKEN

ABSENT

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301

5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557

1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

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