DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Brian S. Boutin, PG

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

Name: Brian S. Boutin, PG Phone: 919-366-3663 (office); 919-995-0363 (cell)

E-mail: bboutinpg@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Central Carolina Monofill Phase I/II	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	October 14, 2009

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

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 17, 2009 Date	Affix NC Licensed/ Professional/Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1268 GEOLOGIST BRIAN S. BOUTIN

Revised 01/2007

Explanatory Text for Notification Table
Central Carolina Tire Monofill Landfill
Cameron, Harnett, NC
Permit # 43-04
October 14, 2009 Water Quality Monitoring

The results of the October 2009 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. No 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. In addition, no Appendix I VOCs were reported in either surface water sample at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 in October 2009 exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

With respect to PCE in groundwater at MW-8, the levels of PCE reported in groundwater samples collected from MW-8 since April 2007 have shown an increasing trend. It is noted, however, that based on the location of MW-8 relative to the landfill, it is likely that the PCE detected in groundwater at that location originates from an upgradient source unrelated to the landfill. Based on the presence of PCE in groundwater at MW-8, a Preliminary Site Assessment Work Plan designed to assess the source and extent of PCE in groundwater at the site was sent to the NCDENR SWS in September 2009 for approval.

Brian S. Boutin, PG
Consulting Geologist

November 17, 2009

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

RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: October 2009
Central Carolina Tire Monofill Landfill Phase I/II
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 2009. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-2 through MW-9) and surface water samples from two on-site locations (SW-1 and SW-2). 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, 2009 as part of the site monitoring. Depths to groundwater were measured using an electronic interface probe that was thoroughly decontaminated between wells with a non-phosphate soap and water wash followed in order by multiple rinses with distilled water, an isopropyl alcohol rinse, and multiple distilled water rinses. Depth to water measurements were made after the wells were opened for a sufficient periods of time to allow water levels to equilibrate with atmospheric pressure. The locations of the site monitoring wells are depicted in **Figure 2**. Groundwater elevation data collected at the monitoring wells on October 14, 2009 are presented in **Table 1**. The depth to groundwater across the site relative to ground surface, as measured

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in the Type II groundwater-monitoring wells on October 14, 2009, generally ranged from approximately 4 feet below grade at MW-2 (located adjacent to a low-lying wetland area) to approximately 14 feet below grade at MW-9, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the October 14, 2009 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the south and southeast, which is consistent with the surface topography and drainage features at the site. The average hydraulic gradient of the water table, based on the data depicted in **Figure 3**, ranges from approximately 0.031 ft/ft in west-southwest portion of the site to approximately 0.02 ft/ft in the east-northeast portion of the site.

2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the site monitoring wells and surface water samples were collected from two on-site locations on October 14, 2009 for laboratory analysis to monitor the quality of groundwater and surface water at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. It is noted that monitoring well MW-9 serves as the upgradient, natural background well for the facility, and monitoring wells MW-2 through MW-7 serve as the downgradient monitoring wells. Monitoring well MW-8 is located immediately north of the landfill. Based on its location relative to the groundwater elevation contours, MW-8 is located hydraulically cross-gradient to the northern-most area of the landfill and hydraulically upgradient of most of the landfill area. 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 PVC bottom-loading bailers. 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 based on the pH values measured in the field (4.17 to 5.56). Specific conductance values ranged from 47 (MW-8) to 215 (MW-9) μS/cm in groundwater at the Type II monitoring wells. Turbidity values ranged from 6.6 (MW-9) to 16.4 (MW-4) NTUs.

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Surface water samples were collected from two locations at the site (SW-1 and SW-2). The sampling locations are depicted in **Figure 2**. SW-1 is located approximately 140-feet south-southeast of the south-central sedimentation pond and within the drainage feature that parallels the southern limits of scrap tire disposal within the Phase I/II landfill. SW-2 is located approximately 250-feet south-southeast of the southeastern sedimentation pond and within the primary drainage feature that parallels the eastern limits of the Phase I/II landfill. All surface water samples were 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, 2009 are presented in **Table 2**. Summarized historical groundwater and surface water quality data for the site are presented in **Table 3**. Copies of the original laboratory reports are included in **Appendix B**.

The laboratory analytical results for the surface water samples collected from the site on October 14, 2009 indicate that no volatile organic compounds were reported in either sample. Low levels of barium, cadmium, and chromium, were reported in both of the surface water samples, as well as lead in sample SW-2 and silver in sample SW-1. It is noted that none of the reported concentrations of metals in the surface water samples exceed the corresponding 15A NCAC 2B surface water quality standards.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells on October 14, 2009 indicate that low levels of acetone, benzene, 4-methyl-2-pentanone, total xylenes, as well as brominated and chlorinated aliphatic hydrocarbons were reported in the groundwater samples collected from the site. The levels of VOCs reported were generally well below the corresponding 15A NCAC 2L .0202 groundwater quality standards. Tetrachloroethene (PCE) was reported at an estimated concentration of 1.74 µg/L in the sample from MW-8, which exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. PCE was also reported in an associated blank sample. The levels of PCE reported in groundwater samples collected from MW-8 since April 2007 have shown a generally increasing trend. It is noted, however, that based on the location of MW-8 relative to the landfill, it is likely that the PCE detected in groundwater at that location originates from an upgradient source unrelated to the landfill.

The results of the metals analyses of the groundwater samples indicate that barium and chromium were reported in all of the samples. Cadmium was reported in three of the eight groundwater samples, lead and mercury were reported in two of the eight samples, and silver was reported in five of the eight 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. It is noted that barium, cadmium and silver were also reported in the associated equipment blank, indicating possible introduction of these metals to the samples during sampling.

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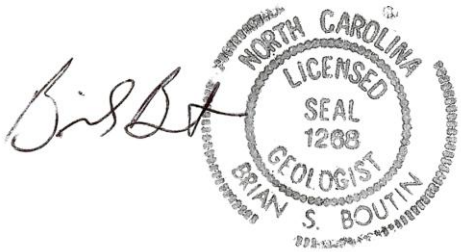
3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the October 2009 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill Phase I/II are generally consistent with the results of previous monitoring conducted at the site. No 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. In addition, no Appendix I VOCs were reported in either surface water sample at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards. The results of the analyses of the groundwater samples for Appendix I VOCs are generally consistent with the historical data presented in **Table 3**. It is noted that the level of PCE reported at MW-8 in October 2009 exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. None of the other VOCs reported in the groundwater samples were detected at concentrations that exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

With respect to PCE in groundwater at MW-8, the levels of PCE reported in groundwater samples collected from MW-8 since April 2007 have shown an increasing trend. It is noted, however, that based on the location of MW-8 relative to the landfill, it is likely that the PCE detected in groundwater at that location originates from an upgradient source unrelated to the landfill. Based on the presence of PCE in groundwater at MW-8, a Preliminary Site Assessment Work Plan designed to assess the source and extent of PCE in groundwater at the site was sent to the NCDENR SWS in September 2009 for approval.

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 2010.

Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist

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

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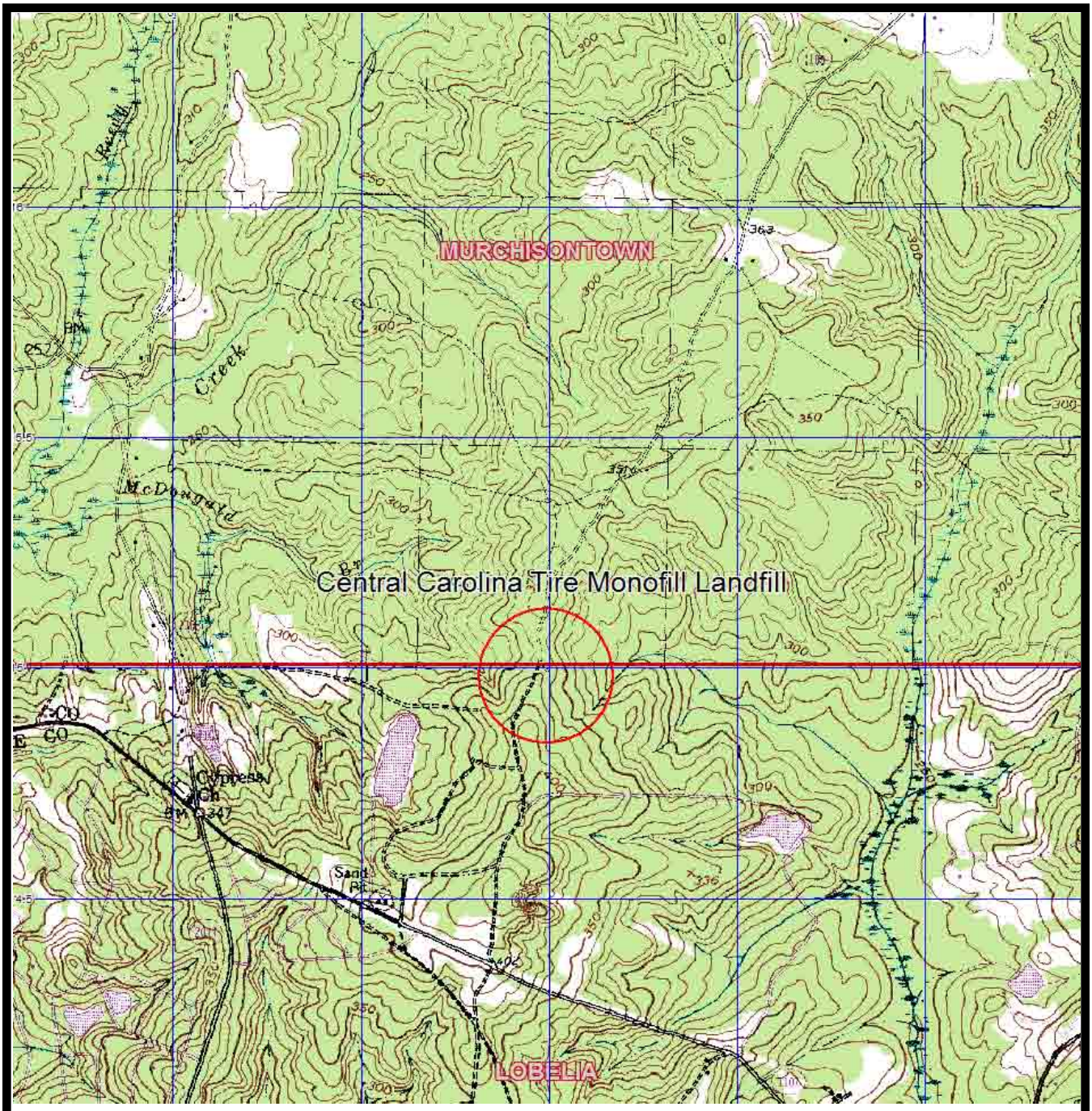


Source: USGS 7.5' Topographic Quadrangle Series
Murchisontown and Lobelia, North Carolina 1981

N

2000 1000 0 1000 2000

SCALE

Garrett and Moore, Inc.

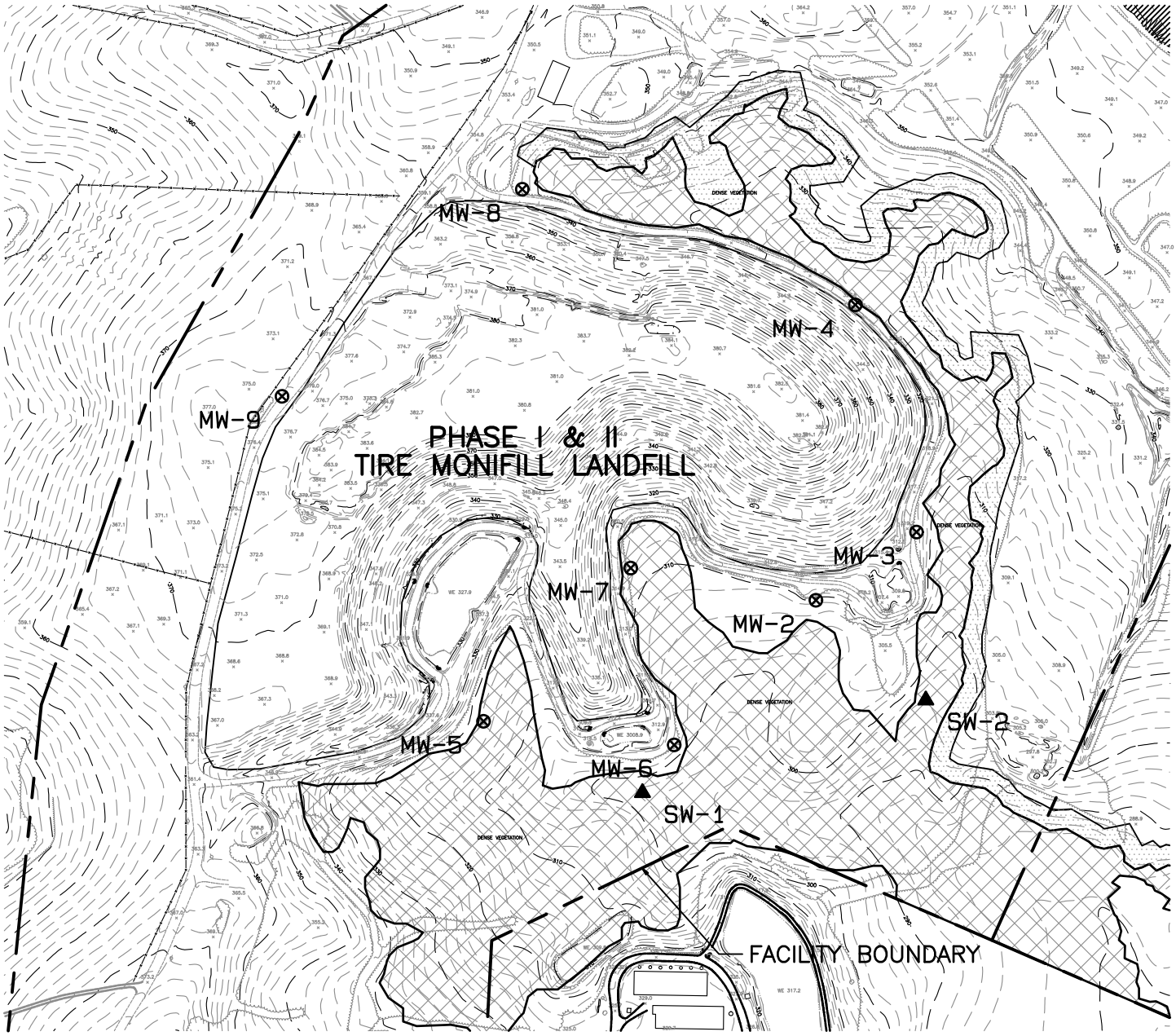
Engineering Consulting Services

1258 Benson Road, Garner, NC 27529
Tel: (919) 792-1900 Fax: (866) 311-7206

SITE LOCATION MAP

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

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



LEGEND

⊗ MW-9 GROUNDWATER MONITORING WELL

▲ SW-1 SURFACE WATER MONITORING LOCATION

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

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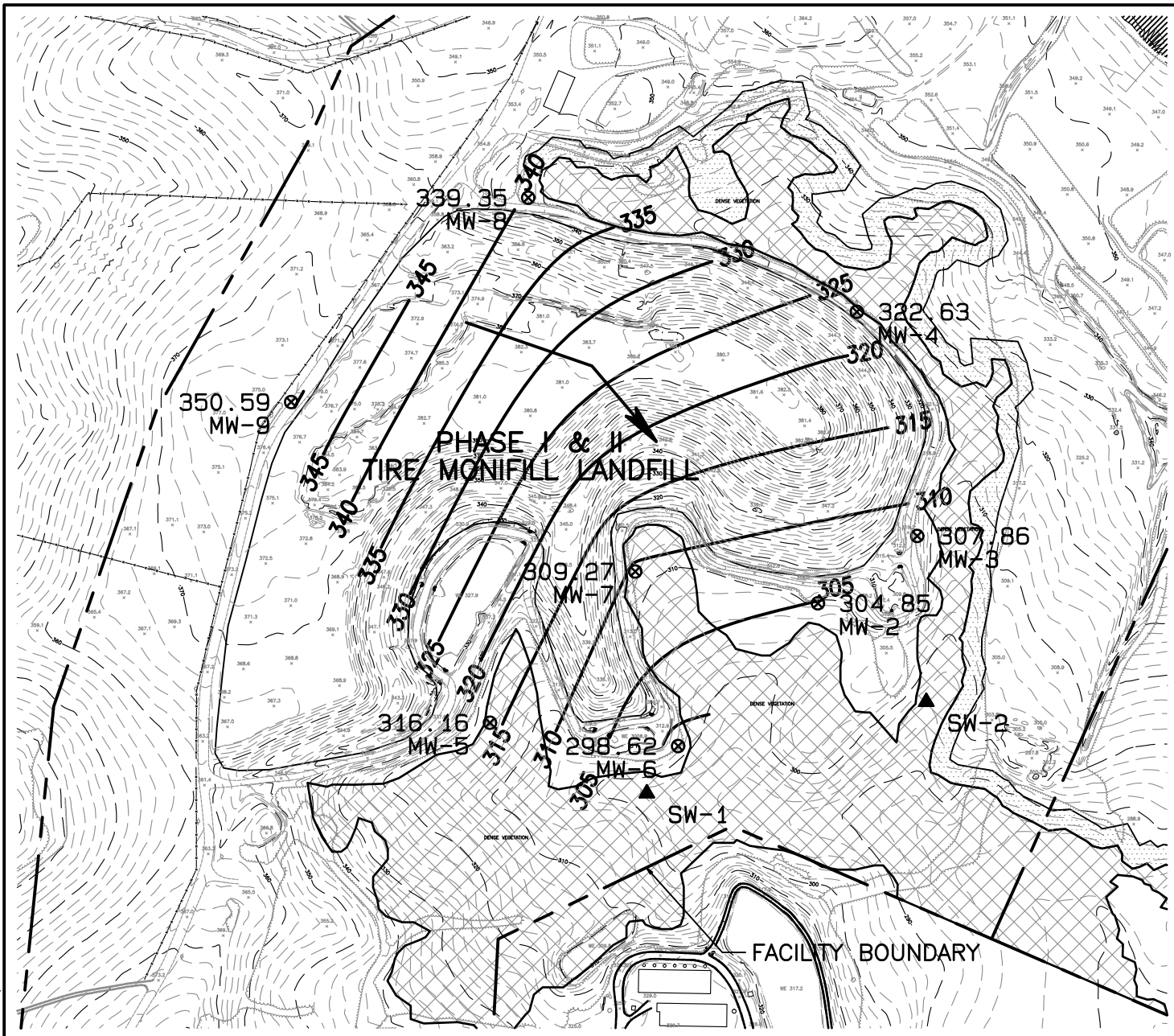
CENTRAL CAROLINA TIRE PHASE I & II SITE MAP

JOB

FIG 2

C:\PHS 1-2 GW MONITORING EVENT 4-09.pro Mon May 18, 2009 4:26:53PM



LEGEND

⊗ 355.91 MW-9	GROUNDWATER MONITORING WELL W/ APPROXIMATE GROUNDWATER ELEVATION AS OF OCT 14, 2009
▲ SW-1	SURFACE WATER MONITORING LOCATION
←	APPARENT DIRECTION OF GROUNDWATER FLOW
▨	WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

GARRETT & MOORE
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CENTRAL CAROLINA TIRE PHASE I & II WATER-TABLE ELEVATION MAP OCT 14, 2009

JOB

FIG 3

C:\PHS 1-2 GW MONITORING EVENT 4-09.pro Sun Oct 25, 2009 4:54:55PM

Table 1
Monitoring Well and Groundwater Data
October 2009 Sampling Event
October 14, 2009
Central Carolina Tire Monofill Landfill (Existing) Phase I/II
Harnett County, North Carolina
Permit # 43-04

Well Identity	Well Depth (Feet BGS)	Well Diameter (Inches)	Approximate Ground Surface Elevation (Feet MSL)	Depth to Groundwater (Feet BTOC)	Approximate Depth to GW (Feet BGS)	Approximate Groundwater Elevation (Feet MSL)	Field Parameters			
							Temp. C^{o}	pH	S.C. umhos/cm	Turbidity (ntu)
MW-2	20.0	2.0	308.95	6.60	4.10	304.85	17.3	4.73	69	10.7
MW-3	20.0	2.0	316.35	10.99	8.49	307.86	17.9	4.34	78	11.4
MW-4	20.0	2.0	324.68	4.55	2.05	322.63	19.5	5.03	76	16.4
MW-5	20.0	2.0	318.92	5.26	2.76	316.16	18.2	5.56	85	9.2
MW-6	25.0	2.0	302.84	6.72	4.22	298.62	17.7	4.68	83	8.1
MW-7	20.0	2.0	313.30	6.53	4.03	309.27	18.5	4.19	68	13.2
MW-8	20.0	2.0	344.38	7.53	5.03	339.35	19.0	4.43	47	12.1
MW-9	30.0	2.0	374.69	26.60	24.10	350.59	18.6	4.17	215	5.6

Notes: BGS = Below Ground Surface
MSL = Mean Sea Level
BTOC = Below Top of Casing
GW = Groundwater
S.C. = Specific Conductance
ntu = Nephelometric Turbidity Units
Approximate depths to groundwater relative to ground surface were calculated by assuming a casing stickup height of 2.5 ft and subtracting from the depth to water measured below the top of the PVC casing.
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 2009 Sampling Event
October 14, 2009
Central Carolina Tire Monofill Landfill Phase I/II, Harnett County, NC
Permit # 43-04

ORGANIC CONSTITUENTS (ug/L)	SW-1	SW-2	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	SWSL (ug/L)	NCAC 2L STD (ug/L)
Acetone	ND	ND	ND	32.3 J	ND	ND	3.34 J	ND	ND	ND	100	700
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	N/A
Benzene	ND	ND	ND	0.55 J	ND	ND	0.81 J	0.61 J	ND	ND	1	1
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	0.56
Bromoform (Tribromoethane)	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	0.28 J	3	4.43
Bromomethane (Methyl Bromide)	ND	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	ND	51	4200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	51	700
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.269
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	50
Chloroethane (Ethyl Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	2800
Chloroform (Trichloromethane)	ND	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	ND	5	0.025
Dibromochloromethane (Chlorodibromomethane)	ND	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	ND	3	0.0004
Dibromomethane (Methylene Bromide)	ND	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	ND	3	620
1,3-Dichlorobenzene (M-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
1,4-Dichlorobenzene (P-Dichlorobenzene)	ND	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	3	75
Trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.5	N/A
1,1-Dichloroethane	ND	ND	ND	0.47 J	ND	ND	ND	ND	ND	ND	3	70
1,2-Dichloroethane (Ethylene Dichloride)	ND	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	ND	3	7
Cis-1,2-Dichloroethene (Cis-1,2-Dichloroethylene)	ND	ND	ND	1.21 J	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	ND	3	70
1,2-Dichloropropane (Propylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.56
1,1-Dichloropropene	ND	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	ND	5.5	0.2
Trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.2
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	29
Iodomethane (Methyl Iodide)	ND	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	ND	26	280
Methyl Chloride (Chloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	2.6
Methylene Chloride (Dichloromethane)	ND	ND	ND	ND	ND	ND	ND	0.23 JB	ND	0.16 JB	5.5	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND	ND	ND	2.8 J	ND	ND	ND	ND	ND	ND	51	N/A
Styrene	ND	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	ND	3	N/A
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.17
Tetrachloroethene (Tetrachloroethylene), (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	**1.74 B**	ND	3	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	1000
1,1,1-Trichloroethane (Methylchloroform)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	200
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	N/A
Trichloroethene (Trichloroethylene), (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	2.8
Trichlorofluoromethane (CFC-11)	ND	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	ND	8	0.005
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	N/A
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	0.015
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	0.11 J	ND	ND	4	530
INORGANIC CONSTITUENTS (in ug/L)											**SWSL (ug/L)**	**NCAC 2L STD (ug/L)**
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Barium	21.1 JB	75.1 JB	73.4 JB	41.2 JB	22.2 JB	23.8 JB	21.3 JB	70.0 JB	39.2 JB	311 B	100	2000
Cadmium	0.28 J	0.3 J	0.29 J	ND	0.21 J	ND	ND	ND	ND	0.21 J	1	1.75
Chromium	2.49 JB	11.6 B	2.67 JB	2.95 JB	2.86 JB	2.39 JB	2.76 JB	3.05 JB	2.95 JB	5.21 JB	10	50
Lead	ND	21.3	ND	7.01 J	ND	ND	ND	6.97 J	ND	ND	10	15
Mercury	ND	ND	ND	0.36	ND	ND	ND	0.117 J	ND	ND	0.20	1.05
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Silver	0.87 JB	ND	1.25 JB	ND	1.03 JB	ND	0.78 JB	0.94 J	0.8 JB	ND	10	17.5

Notes:

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

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

Table 3
Historical Summary of Constituent Detections
Central Carolina Tire Monofill Landfill Phase I/II
Harnett County, North Carolina
Permit # 43-04

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-2**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.43 JB	ND	ND	ND	ND	ND
Barium	**2000**	94	130	113	135	170	180	170	152	110	92.1 JB	162.0	97.5 JB	86.7 JB	115 B	73.4 JB
Cadmium	**1.75**	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.58 JB	3.11 J	2.03 JB	1.77 JB	2.91 JB	2.67 JB
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09 J	3.97 J	ND	ND	4.82 J	ND
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.98 J	ND	8.75 J	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.36 JB	3.57 JB	1.16 JB	1.25 JB
1,4-Dichlorobenzene	**75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.160 JB	ND	ND
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.390 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-3**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	3.3 J	3.39 JB	ND	ND	ND	ND	ND
Barium	**2000**	16	11	17	13	ND	ND	ND	30.5	34.1	20.0 JB	38.4 J	25.5 JB	28.6 JB	29.5 JB	41.2 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.06 JB	1.69 J	2.62 JB	2.62 JB	4.29 JB	2.95 JB
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	3.60 J	ND	3.77 J	5.60 J	7.01 J
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.038 J	0.133 J	0.064 J	0.090 J	0.089 J	0.36
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.79 J	ND	9.5 J	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.27 JB	3.74 JB	1.60 JB	ND
Acetone	**700**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3 J
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.610 J	ND	ND	0.260 J	0.55 J
4-Methyl-2-Pentanone	**N/A**	ND	ND	ND	ND	ND	ND	ND	ND	0.97 J	ND	ND	ND	ND	ND	2.8 J
Vinyl Chloride	**0.015**	ND	ND	ND	ND	ND	ND	ND	ND	**1.1**	ND	**0.490 J**	ND	ND	ND	ND
1,1-Dichloroethane	**70**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	0.620 J	ND	ND	0.280 J	0.47 J
C-1,2-Dichloroethene	**70**	ND	ND	ND	ND	1.5	1	ND	1.5	1.7	0.760 J	2.04 J	ND	0.230 J	0.660 J	1.21 J
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 JB	ND	ND
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.140 J	ND	0.330 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-4**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2.9 J	4.16 JB	ND	ND	ND	ND	ND
Barium	**2000**	34	27	32	14	ND	ND	ND	23.7	20	20.9 JB	24.3 J	33.2 JB	29.6 JB	29.6 JB	22.2 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	0.21 J
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.09 JB	3.11 J	2.77 JB	ND	3.40 JB	2.86 JB
Lead	**15**	ND	ND	5	ND	ND	ND	ND	ND	ND	3.12 J	6.11 J	ND	ND	ND	ND
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.73 J	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.17 JB	3.90 JB	1.97 JB	1.03 JB
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.730 J	0.540 J	0.480 J	0.220 J	0.460 J	ND
Chloroethane	**2800**	ND	ND	ND	ND	ND	3.0	ND	4.2	1.6	3.59 J	1.99 J	2.35 J	0.820 J	2.55 J	ND
1,1-Dichloroethane	**70**	ND	ND	ND	ND	ND	3.0	ND	1.0	ND	0.350 J	0.560 J	0.210 J	ND	0.160 J	ND
1,2-Dichloroethane	**0.38**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
C-1,2-Dichloroethene	**70**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	0.560 J	ND	ND	ND	ND
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.310 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 J	ND	0.540 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-5**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.83 JB	1.93 J	ND	ND	ND	`
Barium	**2000**	16	23	24	15	ND	ND	ND	ND	19.3	58.2 JB	32.3 J	30.8 JB	30.9 JB	33.6 JB	23.8 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**50**	ND	7	ND	ND	ND	ND	ND	ND	ND	8.54 JB	5.67 J	1.58 JB	1.25 JB	4.10 JB	2.39 JB
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.5	6.02 J	ND	ND	ND	ND
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058 J	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.42 J	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.32 JB	3.74 JB	1.72 JB	ND
Bromoform	**4.43**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-6**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2.8 J	2.25 JB	ND	ND	ND	3.08 J	ND
Barium	**2000**	33	47	48	44	ND	ND	ND	37.4	29.9	30.5 JB	26.3 J	36.1 JB	34.1 JB	30.1 JB	21.3 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.05 JB	1.31 J	1.88 JB	ND	ND	2.76 JB
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.62 J	4.43 J	6.14 J	3.70 J	3.50 J	ND
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.75 J	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.34 JB	3.79 JB	1.47 JB	0.78 JB
Acetone	**700**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74 J	3.34 J
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	**1.4**	**1.21**	**1.03**	0.780 J	0.880 J	0.990 J	0.81 J
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.380 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.

Table 3 (Continued)
Historical Summary of Constituent Detections
Phase I/II Tire Monofill Landfill (Active)
Harnett County, North Carolina

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-7**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.88 JB	ND	ND	ND	ND	ND
Barium	**2000**	45	45	119	102	ND	ND	ND	77	73.6	163 JB	64.2 J	70.7 JB	61.8 JB	63.0 JB	70.0 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.47 JB	ND	1.58 JB	1.46 JB	3.01 JB	3.05 JB
Lead	**15**	ND	ND	5.3	ND	ND	ND	ND	ND	2.1 J	10.60	6.54 J	5.69 J	4.02 JB	5.74 JB	6.97 J
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043 J	0.097 J	0.062 J	ND	ND	0.117 J
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.05 J	ND	7.96 J	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25 JB	3.62 JB	1.69 JB	0.94 J
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.790 J	0.210 J	0.250 J	0.330 J	0.61 J
1,1-Dichloroethane	**70**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND	ND	ND
Cis 1,2-Dichloroethene	**70**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.240 J	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 JB
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.250 JB	0.320 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.130 J	ND	0.520 J	ND	0.11 J

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-8**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.03 JB	ND	ND	ND	ND	ND
Barium	**2000**	162	112	32	24	ND	ND	ND	41.5	42.5	32.1 JB	41.4 J	43.9 JB	46.1 JB	45.0 JB	39.2 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.03 JB	4.54 J	2.33 JB	1.25 JB	3.20 JB	2.95 JB
Lead	**15**	3	4	ND	ND	ND	ND	ND	ND	ND	1.04 J	7.71 J	7.42 J	ND	6.30 J	ND
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.28 JB	3.90 JB	1.29 JB	0.8 JB
Ethylbenzene	**29**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120 J	ND	ND
Tetrachloroethene	**0.7**	ND	ND	ND	ND	ND	ND	ND	ND	**1.8**	0.310 J	0.550 J	**0.730 J**	**0.960 J**	**2.40**	**1.74 B**
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.450 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.700 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **MW-9**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2.6 J	2.88 JB	5.04 J	ND	ND	ND	ND
Barium	**2000**	111	188	455	308	370	270	360	242	310	462 JB	366.0	288 B	50.1 JB	210 B	311 B
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J
Chromium	**50**	14	ND	5.3	ND	ND	ND	ND	ND	ND	5.71 JB	1.24 J	1.73 JB	1.35 JB	2.82 JB	5.21 JB
Lead	**15**	8	ND	7.0	ND	ND	ND	ND	ND	ND	7.21 J	6.84 J	5.02 J	ND	ND	ND
Mercury	**1.05**	ND	ND	0.8	ND	ND	ND	ND	ND	ND	0.83	0.077 J	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2.2 J	1.35 J	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.95 JB	1.18 JB	ND
Bromoform	**4.43**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J
Ethylbenzene	**29**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 JB
Toluene	**1000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.810 J	ND	ND
Total Xylenes	**530**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **SW-1**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2.2 J	2.07 JB	2.86 J	ND	2.78 J	ND	ND
Barium	**2000**	11	19	14	15	ND	100	ND	ND	17.6	18.7 JB	25.5 J	30.4 JB	384 B	36.2 JB	21.1 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.370 J	0.28 J
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.76 JB	2.66 J	2.03 JB	2.09 JB	3.70 JB	2.49 JB
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.39 J	6.07 J	7.11 J	3.91 JB	ND
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	3.7 J	1.96 J	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.46 JB	2.07 JB	1.38 JB	0.87 JB
Acetone	**700**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.51 JB	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	0.260 J	ND	ND

Sampling Date:	2L Standard	10/30/2002	4/15/2003	10/23/2003	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009
Well No: **SW-2**																
Arsenic	**50**	ND	ND	ND	ND	ND	ND	ND	ND	2.9 J	1.70 JB	2.92 J	ND	ND	ND	ND
Barium	**2000**	38	26	12	13	ND	ND	ND	ND	21.1	31.1 JB	14.3 J	30.5 JB	55.6 JB	27.5 JB	75.1 JB
Cadmium	**1.75**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J
Chromium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.09 JB	5.66	2.47 JB	2.82 JB	2.82 JB	11.6 B
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.350 J	ND	3.79 J	6.25 J	4.42 J	21.3
Mercury	**1.05**	ND	ND	ND	ND	ND	ND	ND	ND	0.15	ND	ND	ND	ND	ND	ND
Selenium	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**17.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.24 JB	3.73 JB	1.58 JB	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-2

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/13/09
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 1116 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish 1147 am/pm
Weather Conds: Sunny; 60's Collector(s) JEFF LEAVER, AARON HILL

WATER LEVEL DATA: (measured from Top of Casing)

Well ☒ Piezometer ☐

a. Total Well Length 20.00
c. Casing Material PVC
e. Length of Water Column 13.40 (a-b)

b. Water Table Depth 6.60
d. Casing Diamete r 2"
f. Calculated Well Volume (see back) 2.2

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.6
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	
1121	FNT	18.38	4.52	67	127		Clear	None	
1128	2.5	17.40	4.67	68	308		Tan	↓	
1135	4.5	17.36	4.69	69	624		↓	↓	
1142	7.0	17.32	4.73	69	1000+		↓	↓	

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW2	VOA	3	HCL	8260	0920
4304- ↓	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Turb 10/14/9
10.7

Comments Sample tomorrow (10/14) to allow Turb. to settle

Signature Aaron Hill

Date 10/13/09

Well/Piezo ID: MW-3

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/13/09
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 1037 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish 1110 am/pm
Weather Conds: Sunny, 60's Collector(s) JEFF LEAVER, AARON HILL

WATER LEVEL DATA: (measured from Top of Casing) Well ☒ Piezometer ☐

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 9.01 (a-b)

b. Water Table Depth 10.99 d. Casing Diameter 2" f. Calculated Well Volume (see back) 1.5

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 4.5
- 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	
1045	INT	18.27	4.32	79	9.2		Clear	none	
1051	1.5	17.99	4.33	79	214		cloudy		
1058	3.0	17.94	4.34	78	728				
1103	4.5	17.91	4.34	78	872				

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW3	VOA	3	HCL	8260	0850
4304-	500 ml PLASTIC	1	HN03	RCRA METALS	

Turb 10/14/9 11.4

Comments Sample tomorrow (10/14) to allow Turb. to settle

Signature [signature] Date 10/13/09

Well/Piezo ID: MW-4

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC LAB QUOTE #2185
Weather Conds: sunny; 60's Collector(s) JEFF LEAVER, AARON HILL

Date: 10/13/09
Time: Start 0950 am/pm
Finish 1030 am/pm

WATER LEVEL DATA: (measured from Top of Casing)

Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 4.55
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.45 (a-b)
f. Calculated Well Volume (see back) 2.5

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 7.5
- 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	
0955	FNT	19.61	4.77	63	8.4		Clear	None	
1005	2.5	19.58	4.97	61	87.4		Whitish	↓	
1016	5.0	19.55	5.01	59	1000+		Red Dull		
1025	7.5	19.52	5.03	57	1000+		↓	↓	

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW-4	VOA	3	HCL	8260	0835
4304- ↓	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Temp 10/14/9 16.4

Comments Sample tomorrow (10/14) to allow Turb. to settle

Signature Aa Hill Date 10/13/09

Well/Piezo ID: MW-5

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC LAB QUOTE #2185
Weather Conds: Sunny, 70s Collector(s) JEFF LEAVER, AARON HILL

Date: 10/13/09
Time: Start 1335 am/pm
Finish 1415 am/pm

WATER LEVEL DATA: (measured from Top of Casing)

Well ☒ Piezometer ☐

a. Total Well Length 20.00
b. Water Table Depth 5.26
c. Casing Material PVC
d. Casing Diamete r 2"
e. Length of Water Column 14.74 (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	
1342	INT	19.32	5.31	78	9.2		clear	none	
1350	2.5	18.22	5.50	81	694		Tan	↓	
1359	5.0	18.21	5.53	84	1000+		Brown	↓	
1410	7.5	18.19	5.56	85	1000+		↓	↓	

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW5	VOA	3	HCL	8260	1025
4304- MW5	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Turb 10/14/9
9.2

Comments Sample tomorrow (10/14) to allow turb. to settle

Signature [signature] Date 10/13/09

Well/Piezo ID: MW 6

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG		Date: 10/13/09
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304		Time: Start 1242 am/pm
Site Location:	CAMERON, NC	LAB QUOTE #2185	Finish 1327 am/pm
Weather Conds:	Sunny, 70°	Collector(s) JEFF LEAVER, AARON HILL	

WATER LEVEL DATA: (measured from Top of Casing) Well ☒ Piezometer ☐

a. Total Well Length 25.00 c. Casing Material PVC e. Length of Water Column 18.29 (a-b)

b. Water Table Depth 6.72 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 3.0

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 9.0
- 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	
1250	INT	18.93	4.68	94	10.5		clear	None	
1259	3.0	17.74	4.64	86	127		clear		
1310	6.0	17.69	4.69	84	248		Tan		
1321	9.0	17.66	4.68	83	987		Tan		

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☑	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW 6	VOA	3	HCL	8260	0955
4304- ↓	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Turb 10/14/9 8.1

Comments Sample tomorrow (10/14) to allow turb. to settle

Signature [signature] Date 10/13/09

Well/Piezo ID: MW-7

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG		Date: 10/13/09
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304		Time: Start 1154 am/pm
Site Location:	CAMERON, NC	LAB QUOTE #2185	Finish 1230 am/pm
Weather Conds:	Sunny; 60's	Collector(s) JEFF LEAVER, AARON HILL	

WATER LEVEL DATA: (measured from Top of Casing) Well ☒ Piezometer ☐

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 13.47 (a-b)

b. Water Table Depth 6.53 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.2

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.6
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	
1200	INT	19.19	4.13	70	8.6		Clear	None	
1208	2.5	18.53	4.18	69	772		Tan	↓	
1217	5.0	18.52	4.18	69	1000+		↓		
1225	7.5	18.49	4.19	68	1000+				

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW7	VOA	3	HCL	8260	0935
4304- ↓	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Turb 10/14/9 132

Comments sample tomorrow (10/14) to allow Turb. to settle

Signature Aa Hill Date 10/13/09

Well/Piezo ID: MW-B

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/13/09
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 0900 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish 0945 am/pm
Weather Conds: Sunny, 60's Collector(s) JEFF LEAVER (AARON HILL)

WATER LEVEL DATA: (measured from Top of Casing)

Well ☒ Piezometer ☐

a. Total Well Length 20.00
c. Casing Material PVC
e. Length of Water Column 12.47 (a-b)
b. Water Table Depth 7.53
d. Casing Diameter 2"
f. Calculated Well Volume (see back) 2.0

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.0
- 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	
0904	~~2.0~~	19.28	5.12	48	6.9		Clear	None	
0920	2.0	19.07	4.54	48	369		Tan	↓	
0928	4.0	19.02	4.45	47	1000+		↓		
0938	6.0	19.01	4.43	47	1000+				

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-B	VOA	3	HCL	8260	0820
4304-B	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Turb 10/14/9
12.1

Comments Sample tomorrow to allow turb to settle

Signature [signature] Date 10/13/09

Well/Piezo ID: MW-9

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/13/09
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 1425 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish 1455 am/pm
Weather Conds: Sunny, 70's Collector(s) JEFF LEAVER, AARON HILL

WATER LEVEL DATA: (measured from Top of Casing)

Well ☒ Piezometer ☐

a. Total Well Length 38.95
c. Casing Material PVC
e. Length of Water Column 5.35 (a-b)
b. Water Table Depth 26.60
d. Casing Diameter 2"
f. Calculated Well Volume (see back) 0.87

WELL PURGING DATA

a. Purge Method HAND BAILED

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 2.6
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed (gal)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	
1432	INT	19.26	4.30	204	36.5		grey	none	
1437	1.0	18.69	4.22	210	1000+		brown	↓	
1443	2.0	18.63	4.20	213	1000+		↓	↓	
1448	3.0	18.57	4.17	215	1000+		↓	↓	

e. Acceptance criteria pass/fail

	Yes	No	N/A
Has required volume been removed	☒	☐	☐
Has required turbidity been reached	☐	☒	☐
Have parameters stabilized	☒	☐	☐

If no or N/A - Explain below.

SAMPLE COLLECTION: Method: DISPOSABLE BAILER

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW9	VOA	3	HCL	8260	1040
4304- ↓	500 ml PLASTIC	1	HN03	RCRA METALS	↓

Turb 10/14/9
5.6

Comments Sample tomorrow (10/14) to allow Turb. to settle

Signature Aaron Hill

Date 10/13/09

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

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

Report Number: G847-46

Client Project: Central Carolina Tire Permit #4304

Dear Brian Boutin,

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

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

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager 10/30/09

Project Manager
Barbara Hager

Date

List of Reporting Abbreviations And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

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

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

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.

MI34.021808.4

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-EB01
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-1A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:00
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	**0.140**	1.00	0.0650	1	10/26/2009	J
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	**0.780**	1.00	0.0980	1	10/26/2009	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	**1.06**	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-EB01
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-1A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:00
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

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

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW8
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-2A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:20
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	**1.74**	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW8
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-2A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:20
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

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

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW4
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-3A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:35
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW4
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-3A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:35
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.9	99
4-Bromofluorobenzene	10	9.99	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW3
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-4A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:50
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**32.3**	100	2.18	1	10/26/2009	J
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	**0.550**	1.00	0.0650	1	10/26/2009	J
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	**0.470**	5.00	0.0740	1	10/26/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	**1.21**	5.00	0.0650	1	10/26/2009	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	**2.80**	100	0.550	1	10/26/2009	J
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW3
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-4A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:50
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.98	100
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW2
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-5A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 9:05
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW2
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-5A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 9:05
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.91	99
4-Bromofluorobenzene	10	9.91	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW2
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-6A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:20
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	**0.230**	5.00	0.0790	1	10/26/2009	J
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW2
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-6A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:20
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.76	98
4-Bromofluorobenzene	10	9.65	97

Comments:

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

Analyst: _____

Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW7
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-7A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:35
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	**0.610**	1.00	0.0650	1	10/26/2009	J
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	**0.230**	1.00	0.0980	1	10/26/2009	JB
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW7
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-7A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:35
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	**0.110**	5.00	0.0650	1	10/26/2009	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.99	100
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.67	97

Comments:

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

Analyst: _____

Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW6
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-8A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:55
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**3.34**	100	2.18	1	10/26/2009	J
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	**0.810**	1.00	0.0650	1	10/26/2009	J
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW6
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-8A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:55
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.76	98

Comments:

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

Analyst: _____

Reviewed By: _____

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW1
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-9A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:05
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW1
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-9A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:05
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	107
Toluene-d8	10	9.82	98
4-Bromofluorobenzene	10	9.52	95

Comments:

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

Analyst: _____

Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW5
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-10A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:25
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	**0.160**	3.00	0.120	1	10/26/2009	J
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW5
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-10A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:25
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.81	98
4-Bromofluorobenzene	10	9.49	95

Comments:

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

Analyst: CL

Reviewed By: [signature]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW9
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-11A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:40
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	**0.280**	3.00	0.120	1	10/26/2009	J
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	**0.160**	1.00	0.0980	1	10/26/2009	JB
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW9
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-11A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:40
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.69	97
4-Bromofluorobenzene	10	9.52	95

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 (Exp.)
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-12A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 10:10
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/28/2009	
Acetonitrile	BQL	55.0	2.58	1	10/28/2009	
Acrylonitrile	BQL	200	2.93	1	10/28/2009	
Benzene	BQL	1.00	0.0650	1	10/28/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/28/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/28/2009	
Bromoform	BQL	3.00	0.120	1	10/28/2009	
Bromomethane	BQL	10.0	0.133	1	10/28/2009	
2-butanone	BQL	100	0.544	1	10/28/2009	
Carbon disulfide	BQL	100	0.0690	1	10/28/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/28/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/28/2009	
Chloroethane	BQL	10.0	0.106	1	10/28/2009	
Chloroform	BQL	5.00	0.0790	1	10/28/2009	
Chloromethane	BQL	1.00	0.146	1	10/28/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/28/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/28/2009	
Dibromomethane	BQL	10.0	0.113	1	10/28/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/28/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/28/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/28/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/28/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/28/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/28/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/28/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/28/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/28/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/28/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/28/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/28/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/28/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/28/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/28/2009	
2-hexanone	BQL	50.0	0.720	1	10/28/2009	
Iodomethane	BQL	10.0	0.0420	1	10/28/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/28/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/28/2009	
Styrene	BQL	1.00	0.0850	1	10/28/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/28/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/28/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/28/2009	
Toluene	BQL	1.00	0.0760	1	10/28/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/28/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/28/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/28/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW1 (Exp.)
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-12A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 10:10
Date Received: 10/15/2009
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	10/28/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/28/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/28/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/28/2009	
Total Xylene	BQL	5.00	0.0650	1	10/28/2009	

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

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By:

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW10
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-13A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 8:20
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW10
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-13A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 8:20
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	9.6	96

Comments:

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

Analyst: _____

Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW18
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-14A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 8:50
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW18
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-14A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 8:50
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10	100
4-Bromofluorobenzene	10	9.66	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-MW11
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-15A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:40
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW11
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-15A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 8:40
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW16
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-16A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 9:10
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	**1.06**	3.00	0.120	1	10/26/2009	J
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	**0.250**	3.00	0.0900	1	10/26/2009	J
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW16
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-16A
Lab Project ID: G847-46

Analyzed By: DVO
Date Collected: 10/14/2009 9:10
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10.2	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW14
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-17A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:24
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	**0.180**	3.00	0.120	1	10/26/2009	J
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW14
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-17A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:24
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11	110
Toluene-d8	10	9.69	97
4-Bromofluorobenzene	10	9.46	95

Comments:

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

Analyst: _____

Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW17
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-18A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:44
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	**0.270**	3.00	0.120	1	10/26/2009	J
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW17
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-18A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:44
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.2	112
Toluene-d8	10	9.71	97
4-Bromofluorobenzene	10	9.35	94

Comments:

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

Analyst: CL

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW12
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-19A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:00
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW12
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-19A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 10:00
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	9.6	96

Comments:

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

Analyst: _____

Reviewed By: _____

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW13
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-20A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:35
Date Received: 10/15/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	**0.270**	3.00	0.120	1	10/26/2009	J
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/26/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW13
Client Project ID: Central Carolina Tire Permit #4304
Lab Sample ID: G847-46-20A
Lab Project ID: G847-46

Analyzed By: CLP
Date Collected: 10/14/2009 9:35
Date Received: 10/15/2009
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.91	99
4-Bromofluorobenzene	10	9.59	96

Comments:

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

Analyst: CL

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK1102609B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
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	10/26/2009	
Acetonitrile	BQL	55.0	2.58	1	10/26/2009	
Acrylonitrile	BQL	200	2.93	1	10/26/2009	
Benzene	BQL	1.00	0.0650	1	10/26/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/26/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/26/2009	
Bromoform	BQL	3.00	0.120	1	10/26/2009	
Bromomethane	BQL	10.0	0.133	1	10/26/2009	
2-butanone	BQL	100	0.544	1	10/26/2009	
Carbon disulfide	BQL	100	0.0690	1	10/26/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/26/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/26/2009	
Chloroethane	BQL	10.0	0.106	1	10/26/2009	
Chloroform	BQL	5.00	0.0790	1	10/26/2009	
Chloromethane	BQL	1.00	0.146	1	10/26/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/26/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/26/2009	
Dibromomethane	BQL	10.0	0.113	1	10/26/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/26/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/26/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/26/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/26/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/26/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/26/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/26/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/26/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/26/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/26/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/26/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/26/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/26/2009	
2-hexanone	BQL	50.0	0.720	1	10/26/2009	
Iodomethane	BQL	10.0	0.0420	1	10/26/2009	
Methylene chloride	**0.120**	1.00	0.0980	1	10/26/2009	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/26/2009	
Styrene	BQL	1.00	0.0850	1	10/26/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/26/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/26/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/26/2009	
Toluene	BQL	1.00	0.0760	1	10/26/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/26/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/26/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/26/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: VBLK1102609B
Lab Project ID:

Analyzed By: CLP
Date Collected:
Date Received:
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	10/26/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/26/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/26/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/26/2009	
Total Xylene	BQL	5.00	0.0650	1	10/26/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	107
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.5	95

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Metals

Client Sample ID:	4304-EB01	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:00
Lab Sample ID:	G847-46-1	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.00921**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00286**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:20
Lab Sample ID:	G847-46-2	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0392**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00295**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000800**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW4	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:35
Lab Sample ID:	G847-46-3	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0222**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	**0.000210**	0.00100	0.000158	10	MG/L	6020	10/22/2009	J
Chromium	**0.00286**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.00103**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW3	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:50
Lab Sample ID:	G847-46-4	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0412**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00295**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	**0.00701**	0.0100	0.00679	1	MG/L	6010B	10/22/2009	J
Mercury	**0.000363**	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:05
Lab Sample ID:	G847-46-5	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0751**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	**0.000300**	0.00100	0.000158	10	MG/L	6020	10/22/2009	J
Chromium	**0.0116**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	B
Lead	**0.0213**	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:20
Lab Sample ID:	G847-46-6	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0734**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	**0.000290**	0.00100	0.000158	10	MG/L	6020	10/22/2009	J
Chromium	**0.00267**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.00125**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

Comments

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW7	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:35
Lab Sample ID:	G847-46-7	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0700**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00305**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	**0.00697**	0.0100	0.00679	1	MG/L	6010B	10/22/2009	J
Mercury	**0.000117**	0.000285	0.000024	1	MG/L	7470	10/23/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000940**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW6	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:55
Lab Sample ID:	G847-46-8	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0213**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00276**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000780**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By:
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Results for Metals

Client Sample ID:	4304-SW1	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 10:05
Lab Sample ID:	G847-46-9	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0211**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	**0.000280**	0.00100	0.000158	10	MG/L	6020	10/22/2009	J
Chromium	**0.00249**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000870**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

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Results for Metals

Client Sample ID:	4304-MW5	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 10:25
Lab Sample ID:	G847-46-10	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0238**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00239**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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

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Results for Metals

Client Sample ID:	4304-MW9	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 10:40
Lab Sample ID:	G847-46-11	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.311**	0.100	0.00206	1	MG/L	6010B	10/22/2009	
Cadmium	**0.000210**	0.00100	0.000158	10	MG/L	6020	10/22/2009	J
Chromium	**0.00521**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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

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METALS.XLS

Results for Metals

Client Sample ID:	4304-SW1 (Exp.)	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 10:10
Lab Sample ID:	G847-46-12	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0105**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00258**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000980**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW10	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:20
Lab Sample ID:	G847-46-13	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0278**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00286**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:50
Lab Sample ID:	G847-46-14	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0484**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00351**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000950**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By:
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Results for Metals

Client Sample ID:	4304-MW11	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 08:40
Lab Sample ID:	G847-46-15	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0296**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00342**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.00156**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

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Results for Metals

Client Sample ID:	4304-MW16	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:10
Lab Sample ID:	G847-46-16	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0163**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00276**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	**0.00290**	0.0100	0.00278	1	MG/L	6010B	10/22/2009	J
Silver	**0.000860**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

Reviewed By: METALS.XLS

Results for Metals

Client Sample ID:	4304-MW14	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:24
Lab Sample ID:	G847-46-17	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.159**	0.100	0.00206	1	MG/L	6010B	10/22/2009	
Cadmium	**0.000220**	0.00100	0.000158	10	MG/L	6020	10/22/2009	J
Chromium	**0.00502**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	**0.00824**	0.0100	0.00679	1	MG/L	6010B	10/22/2009	J
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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

Reviewed By:
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Results for Metals

Client Sample ID:	4304-MW17	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:44
Lab Sample ID:	G847-46-18	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0686**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00258**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000840**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

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Results for Metals

Client Sample ID:	4304-MW12	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 10:00
Lab Sample ID:	G847-46-19	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.0248**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00408**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/22/2009	B

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

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Results for Metals

Client Sample ID:	4304-MW13	Analyzed By:	PSW CRN
Client Project ID:	Central Carolina Tire Permit #4304	Date Collected:	10/14/2009 09:35
Lab Sample ID:	G847-46-20	Date Received:	10/15/2009
Lab Project ID:	G847-46	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	15377 15391		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	**0.00870**	0.100	0.00206	1	MG/L	6010B	10/22/2009	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00305**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000780**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	JB

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

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Results for Metals

Client Sample ID:	Lab Blank			Analyzed By:	PSW
Client Project ID:				Date Collected:	
Lab Sample ID:	pb15377			Date Received:	
Lab Project ID:				Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15377				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/22/2009	
Barium	BQL	0.100	0.00206	1	MG/L	6010B	10/22/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/22/2009	
Chromium	**0.00276**	0.0100	0.00146	1	MG/L	6010B	10/22/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/22/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/22/2009	
Silver	**0.000980**	0.0100	0.000656	1	MG/L	6010B	10/22/2009	J

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

Reviewed By: METALS.XLS

Results for Metals

Client Sample ID:	Lab Blank			Analyzed By:	CRN
Client Project ID:				Date Collected:	
Lab Sample ID:	pb15391			Date Received:	
Lab Project ID:				Matrix:	WATER
ICP InitWt/Vol:		Final Vol:			
Hg InitWt/Vol:	40 mL	Final Vol:	57 mL		
Prep Batch:	15391				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	10/23/2009	

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

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097706

(1)

CLIENT: BRIAN S. BOUTIN, PG

CONTACT: SAME PHONE NO: (919) 366-3663

PROJECT: CENTRAL CAROLINA TIRE PERMIT # 4304 SITE/PWSID#:

REPORTS TO: B.S.B. PG 11112 BRANDING IRON PL. WENDELL, NC 27591 FAX NO.: ( )

INVOICE TO: SAME QUOTE #: 2185 P.O. NUMBER:

SGS Reference: G847-46

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used: HCL	HNO3									REMARKS
							Analysis Required (3)	8260	(8) RCRA Metals								
1	4304-EB01	10/14/9	0800	DI	4	G	3	1									
2	4304-MW8		0820	GW													
3	4304-MW4		0835														
4	4304-MW3		0850														
5	4304-SW2		0905	SW													
6	4304-MW2		0920	GW													
7	4304-MW7		0935														
8	4304-MW6		0955														
9	4304-SW1		1005	SW													
10	4304-MW5		1025	GW													

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	10/14/9	1200	[signature]
Relinquished By: (2) [signature]	Date 10/14/09	Time 1500	Received By:
Relinquished By: (3)	Date 10/15/09	Time 1030	Received By: [signature]
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature°C: 2.4, 2.9.

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

❑ 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

White - Retained by Lab
Pink - Retained by Client

SGS North America, Inc.
N.C. Certification #481

SGS

CHAIN OF CUSTODY RECORD
SGS North America Inc.

Locations Nationwide
- Alaska
- New Jersey
- North Carolina
- Maryland
- New York
- Ohio

www.us.sgs.com

097707

(1)

CLIENT: BRIAN S. BOWEN, P.G.

CONTACT: Same PHONE NO: (919) 366-3663

PROJECT: Central Carolina Tire permit # 4304 SITE/PWSID#:

REPORTS TO: BSB, P.G. 11112 Bramley Iron Pl. Wendell, NC 27591 FAX NO.:(

INVOICE TO: Same QUOTE #: 2185

P.O. NUMBER:

SGS Reference: C847-46

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCl	Analysis Required (3): 8260 App I	(8) RCRA metals									REMARKS
11	4304-MW 9	10/14/9	1040	GW	4	G	3	1										
12	4304-SW1 (EXP)		1010	SW														
13	4304-MW 10		0820	GW														
14	4304-MW 18		0850															
15	4304-MW 11		0840															
16	4304-MW 16		0910															
17	4304-MW 14		0924															
18	4304-MW 17		0944															
19	4304-MW 12		1000															
20	4304-MW 13		0935															

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
Dan Hill	10/14/9	1200	Nathan Bowlous
Relinquished By: (2)	Date	Time	Received By:
Nathan Bowlous	10/14/09	1500	
Relinquished By: (3)	Date	Time	Received By:
	10/15/09	1030	
Relinquished By: (4)	Date	Time	Received By:
	10/16/9		

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature°C: 2.4, 2.9

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

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