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 Tire Monofill Phase I/II (Existing)	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	October 14, 2008

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ 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 or explosive methane gas limits were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

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

Brian S. Boutin, PG	Consultant for Facility	919-366-3663 (office); 919-995-0363 (cell)
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Signature	November 7, 2008 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1268 GEOLOGIST BRIAN S. BOUTIN

Revised 10/2006

Explanatory Text for Notification Table
Central Carolina Tire Monofill Landfill
Cameron, Harnett, NC
Permit # 43-04
October 14, 2008 Water Quality Monitoring

The results of the October 14, 2008 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 2008 slightly 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 level detected in October 2008 (0.960 µg/L) only slightly exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. It is acknowledged that the levels of PCE at MW-8 have shown a slight increasing trend over the last four sampling events. However, inasmuch as the level detected in October 2008 only slightly exceeds the groundwater quality standard, continued semi-annual monitoring is recommended to monitor any significant changes in the concentration of PCE in groundwater at the site. If a continued upward trend in PCE concentrations is observed, assessment monitoring may be appropriate.

BRIAN S. BOUTIN, PG
11112 BRANDING IRON PLACE
WENDELL, NC 27591

November 6, 2008

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

RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: October 2008
Central Carolina Tire Monofill Landfill Phase I/II (Existing)
Cameron, Harnett County, NC
Permit # 43-04

Dear Ms. Drummond:

This report presents the results of semi-annual groundwater and surface water quality monitoring conducted at the landfill site referenced above (**Figure 1**) in October 2008. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-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, 2008 as part of the site monitoring. Depths to groundwater were measured using an electronic interface probe that was thoroughly decontaminated between wells with a non-phosphate soap and water wash followed in order by multiple rinses with distilled water, an isopropyl alcohol rinse, and multiple distilled water rinses. Depth to water measurements were made after the wells were opened for a sufficient periods of time to allow water levels to equilibrate with atmospheric pressure. The locations of the site monitoring wells are depicted in **Figure 2**. Groundwater elevation data collected at the monitoring wells on October 14, 2008 are presented in **Table 1**. The depth to groundwater across the site relative to ground surface, as measured in the Type II groundwater-monitoring wells on October 14, 2008, generally ranged from approximately 2 feet below grade at MW-2 (located adjacent to a low-lying wetland area) to approximately 20 feet below grade at MW-9, which is consistent with the surface topography.

919-366-3663 Office ● 919-625-9993 Cell ● bboutinpg@bellsouth.net

A water-table elevation contour map that was developed based on the October 14, 2008 groundwater-gauging data for the Type II monitoring wells is presented as **Figure 3**. The pattern of the water-table contours indicates that the horizontal component of shallow groundwater flow at the site is generally to the 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 0.017 ft/ft in west-southwest portion of the site to approximately 0.035 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, 2008 for laboratory analysis to monitor the quality of groundwater and surface water at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. It is noted that monitoring well MW-9 serves as the upgradient, natural background well for the facility, and monitoring wells MW-2 through MW-8 serve as the downgradient monitoring wells. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material was discarded after each use.

Prior to groundwater sampling, the monitoring wells were purged of a minimum of three well volumes of water using 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 (2.61 to 4.19). Specific conductance values ranged from 41 (MW-8) to 480 (MW-4) μS/cm in groundwater at the Type II monitoring wells. Turbidity values ranged from 5.6 (MW-3) to 21.4 (MW-9) NTUs.

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, 2008 are presented in **Table 2**. Summarized historical groundwater and surface water quality data for the site are presented in **Table 3**. Copies of the original laboratory reports are included in **Appendix B**.

The laboratory analytical results for the surface water samples collected from the site on October 14, 2008 indicate that benzene was detected in sample SW-1 at a trace level, well below the 15A NCAC 2L .0202 groundwater quality standard and the applicable 15A NCAC 2B surface water quality standards. No volatile organic compounds were reported in sample SW-2. Low levels of barium, chromium, lead and silver were reported in both of the surface water samples, as well as a trace level of arsenic 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 or the 15A NCAC 2L .0202 groundwater quality standards.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells on October 14, 2008 indicate that low levels of various volatile organic compounds (VOCs), including BTEX constituents 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 0.960 µg/L in the sample from MW-8, which slightly exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. It is noted that methylene chloride, which was reported in trace concentrations in the groundwater samples collected from MW-2 and MW-3, was also reported in the associated Trip Blank sample at a similar concentration. Therefore the reported presence of methylene chloride in those samples is questionable.

The results of the metals analyses of the groundwater samples indicate that barium and silver were reported in all of the samples. Chromium was reported in six of the eight groundwater samples, lead was reported in three of the eight samples, and cadmium and mercury were each reported in one 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 and silver were also reported in the associated equipment blank, indicating possible introduction of these metals to the samples during sampling.

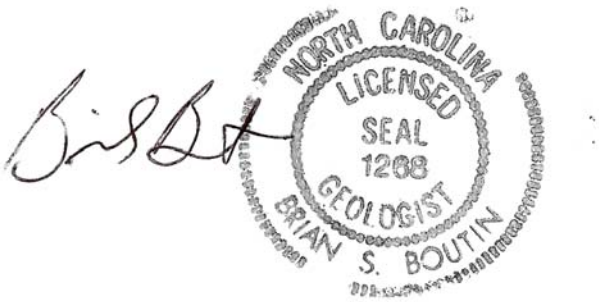
3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the October 14, 2008 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 2008 slightly 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 level detected in October 2008 (0.960 µg/L) only slightly exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. It is acknowledged that the levels of PCE at MW-8 have shown a slight increasing trend over the last four sampling events. However, inasmuch as the level detected in October 2008 only slightly exceeds the groundwater quality standard, continued semi-annual monitoring is recommended to monitor any significant changes in the concentration of PCE in groundwater at the site. If a continued upward trend in PCE concentrations is observed, assessment monitoring may be appropriate.

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 2009.

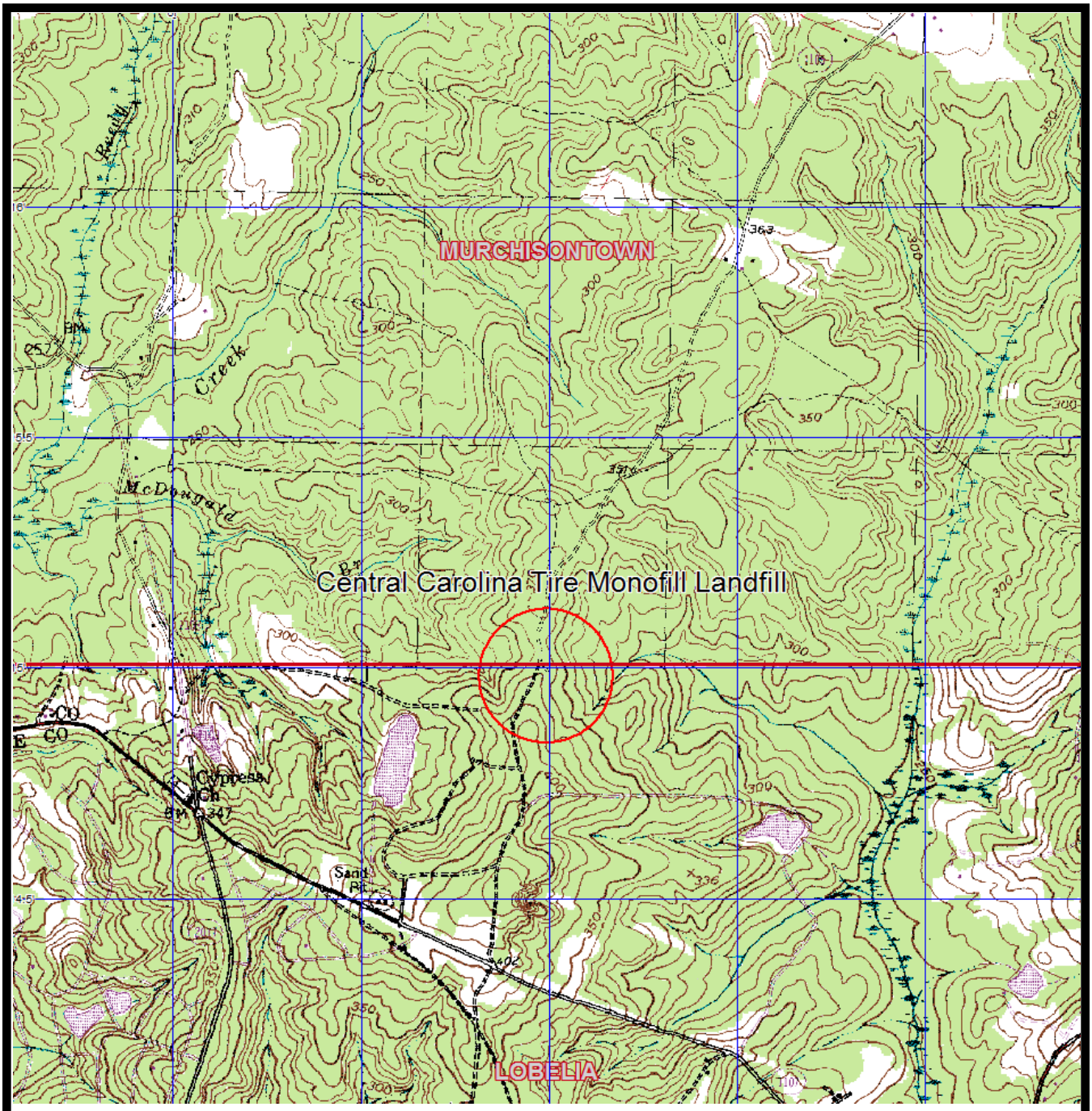
Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist

Cc: Tim McNeil, Central Carolina Holdings, Inc.

Vance Moore, Garrett and Moore, Inc.



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

N

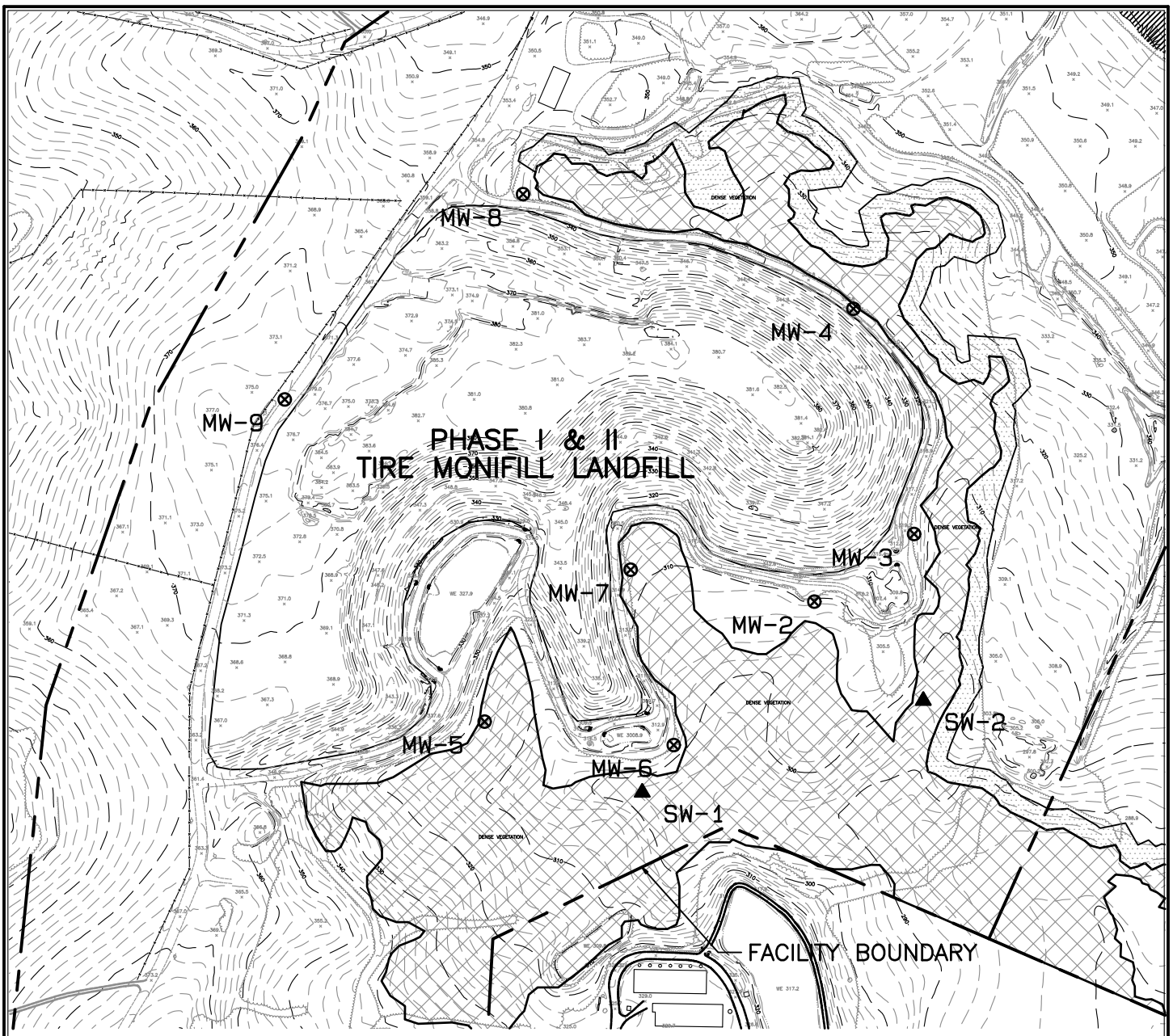
2000 1000 0 1000 2000

SCALE

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

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

Drawn by:	Reviewed by:	Project #:	Drawing #: 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

GARRETT AND MOORE, INC.

ENGINEERING CONSULTING SERVICES

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

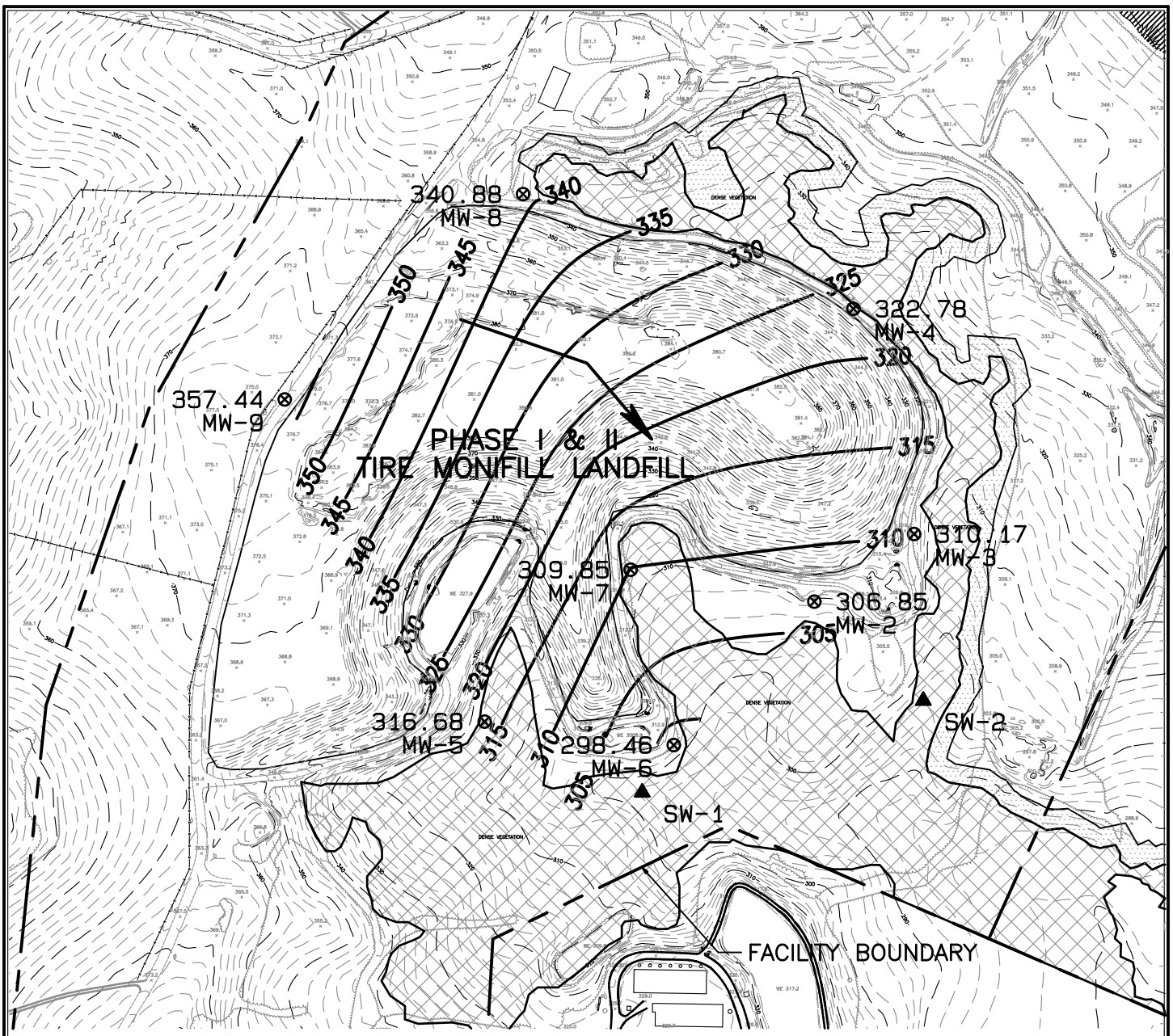
PH (919) 792.1900 WWW.GARRETT-MOORE.COM FAX (866.311.7206)

CENTRAL CAROLINA TIRE
PHASE I & II SITE MAP

JOB #

FIG NO. 2

V:\Liberty Tire Projects\Central Carolina Tire\Projects\GW Monitoring\Oct '08 EVENT\Phases 1 & 2\PHS 1-2 GW MONITORING EVENT 10-08.pro Mon Nov 3, 2008 11:41:24AM



LEGEND

⊗ 355.91 MW-9	GROUNDWATER MONITORING WELL W/ APPROXIMATE GROUNDWATER ELEVATION AS OF OCTOBER 14, 2008
▲ SW-1	SURFACE WATER MONITORING LOCATION
←	APPARENT DIRECTION OF GROUNDWATER FLOW
▨	WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

GARRETT AND MOORE, INC.
ENGINEERING CONSULTING SERVICES
1428 AVERSBORO ROAD, SUITE D, GARNER, NORTH CAROLINA 27529
PH (919) 792.1900 WWW.GARRETT-MOORE.COM FAX (866.311.7206)

CENTRAL CAROLINA TIRE
PHASE I & II WATER-TABLE ELEVATION MAP OCTOBER 14, 2008

JOB #

FIG NO. 3

V:\Liberty Tire Projects\Central Carolina Tire\Projects\GW Monitoring\Oct '08 EVENT\Phases 1 & 2\PHS 1-2 GW MONITORING EVENT 10-08.pro Mon Nov 3, 2008 11:51:12AM

Table 1
Monitoring Well and Groundwater Data
April 2008 Sampling Event
October 14, 2008
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	4.60	2.10	306.85	18.7	3.54	62	9
MW-3	20.0	2.0	316.35	8.68	6.18	310.17	18.7	3.45	51	5.6
MW-4	20.0	2.0	324.68	4.40	1.90	322.78	20.2	3.53	480	11
MW-5	20.0	2.0	318.92	4.74	2.24	316.68	19.3	4.19	65	7.4
MW-6	25.0	2.0	302.84	6.88	4.38	298.46	19.0	3.51	69	18.2
MW-7	20.0	2.0	313.30	5.95	3.45	309.85	20.2	3.40	48	12.5
MW-8	20.0	2.0	344.38	6.00	3.50	340.88	19.4	2.61	41	10.3
MW-9	30.0	2.0	374.69	19.75	17.25	357.44	22.4	3.26	190	21.4

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
April 2008 Sampling Event
October 14, 2008
Central Carolina Tire Monofill Landfill (Existing) 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	0.120 J	ND	ND	ND	ND	ND	ND	100	700
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	N/A
Benzene	0.260 J	ND	ND	ND	0.220 J	ND	0.880 J	0.250 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	ND	ND	ND	ND	ND	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	0.820 J	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	ND	ND	ND	ND	ND	ND	ND	ND	3	75
Trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.5	N/A
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	70
1,2-Dichloroethane (Ethylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	0.230 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	0.120 J	0.210 J	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	0.160 JB	0.110 JB	ND	ND	ND	ND	ND	ND	5.5	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	**0.960 J**	ND	3	0.7
Toluene	ND	ND	0.260 J	0.270 J	0.310 J	0.210 J	0.180 J	0.320 J	0.450 J	0.810 J	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	0.390 J	0.330 J	0.540 J	0.280 J	0.380 J	0.520 J	0.700 J	1.31 J	4	530
INORGANIC CONSTITUENTS (in ug/L)											**SWSL (ug/L)**	**NCAC 2L STD (ug/L)**
Arsenic	2.78 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Barium	384 B	55.6 JB	86.7 JB	28.6 JB	29.6 JB	30.9 JB	34.1 JB	61.8 JB	46.1 JB	50.1 JB	100	2000
Cadmium	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND	1	1.75
Chromium	2.09 JB	2.82 JB	1.77 JB	2.62 JB	ND	1.25 JB	ND	1.46 JB	1.25 JB	1.35 JB	10	50
Lead	7.11 J	6.25 J	ND	3.77 J	ND	ND	3.70 J	4.02 JB	ND	ND	10	15
Mercury	ND	ND	ND	0.090 J	ND	ND	ND	ND	ND	ND	0.20	1.05
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Silver	2.07 JB	3.73 JB	3.57 JB	3.74 JB	3.90 JB	3.74 JB	3.79 JB	3.62 JB	3.90 JB	3.95 JB	10	17.5

Notes:

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

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

Table 3
Historical Summary of Constituent Detections
Central Carolina Tire Monofill Landfill (Existing) 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
Well No: MW-2														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.43 JB	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
Cadmium	1.75	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.58 JB	3.11 J	2.03 JB	1.77 JB
Lead	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09 J	3.97 J	ND	ND
Mercury	1.05	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
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.36 JB	3.57 JB
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.160 JB
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.390 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
Well No: MW-3														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	3.3 J	3.39 JB	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
Cadmium	1.75	ND	ND	ND	ND	ND	ND	1	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
Lead	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	3.60 J	ND	3.77 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
Selenium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.79 J	ND	9.5 J	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.27 JB	3.74 JB
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.610 J	ND	ND
4-Methyl-2-Pentanone	N/A	ND	ND	ND	ND	ND	ND	ND	ND	0.97 J	ND	ND	ND	ND
Vinyl Chloride	0.015	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	0.490 J	ND	ND
1,1-Dichloroethane	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	0.620 J	ND	ND
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
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 JB
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.140 J	ND	0.330 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
Well No: MW-4														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	2.9 J	4.16 JB	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
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J
Chromium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.09 JB	3.11 J	2.77 JB	ND
Lead	15	ND	ND	5	ND	ND	ND	ND	ND	ND	3.12 J	6.11 J	ND	ND
Mercury	1.05	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
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.17 JB	3.90 JB
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.730 J	0.540 J	0.480 J	0.220 J
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
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
1,2-Dichloroethane	0.38	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
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.310 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 J	ND	0.540 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
Well No: MW-5														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.83 JB	1.93 J	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
Cadmium	1.75	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
Lead	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.5	6.02 J	ND	ND
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.058 J	ND	ND	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.42 J	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.32 JB	3.74 JB
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280 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
Well No: MW-6														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	2.8 J	2.25 JB	ND	ND	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
Cadmium	1.75	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
Lead	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.62 J	4.43 J	6.14 J	3.70 J
Mercury	1.05	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
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.34 JB	3.79 JB
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	1.4	1.21	1.03	0.780 J	0.880 J
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.380 J

Notes:

Results in parts per billion (ppb)

ND - Not Detected above the laboratory method detection limit or practical quantitation limit (results prior to April 2007).

NA - Not analyzed for or not available

Values in boldface exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

Results for sampling conducted prior to April 2007 as presented in previous GW reports prepared by Withers & Ravenel.

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
Well No: MW-7														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.88 JB	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
Cadmium	1.75	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
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
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043 J	0.097 J	0.062 J	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.05 J	ND	7.96 J	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25 JB	3.62 JB
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.790 J	0.210 J	0.250 J
1,1-Dichloroethane	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND
Cis 1,2-Dichloroethene	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.240 J	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.250 JB	0.320 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.130 J	ND	0.520 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
Well No: MW-8														
Arsenic	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.03 JB	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
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	1.1	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
Lead	15	3	4	ND	ND	ND	ND	ND	ND	ND	1.04 J	7.71 J	7.42 J	ND
Mercury	1.05	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
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.28 JB	3.90 JB
Ethylbenzene	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120 J
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
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.450 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.700 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
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
Barium	2000	111	188	455	308	370	270	360	242	310	462 JB	366.0	288 B	50.1 JB
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	14	ND	5.3	ND	ND	ND	ND	ND	ND	5.71 JB	1.24 J	1.73 JB	1.35 JB
Lead	15	8	ND	7.0	ND	ND	ND	ND	ND	ND	7.21 J	6.84 J	5.02 J	ND
Mercury	1.05	ND	ND	0.8	ND	ND	ND	ND	ND	ND	0.83	0.077 J	ND	ND
Selenium	50	ND	ND	ND	ND	ND	ND	ND	ND	2.2 J	1.35 J	ND	ND	ND
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.95 JB
Ethylbenzene	29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.810 J
Total Xylenes	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31 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
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
Barium	2000	11	19	14	15	ND	100	ND	ND	17.6	18.7 JB	25.5 J	30.4 JB	384 B
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.76 JB	2.66 J	2.03 JB	2.09 JB
Lead	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.39 J	6.07 J	7.11 J
Mercury	1.05	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
Silver	17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.46 JB	2.07 JB
Acetone	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.51 JB	ND
Benzene	1	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	0.260 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
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
Barium	2000	38	26	12	13	ND	ND	ND	ND	21.1	31.1 JB	14.3 J	30.5 JB	55.6 JB
Cadmium	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.09 JB	5.66	2.47 JB	2.82 JB
Lead	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.350 J	ND	3.79 J	6.25 J
Mercury	1.05	ND	ND	ND	ND	ND	ND	ND	ND	0.15	ND	ND	ND	ND
Selenium	50	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

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:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	1310 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1340 am/pm
Weather Conds:	Sunny, 80'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 15.40 (a-b)

b. Water Table Depth 4.60 d. Casing Diameter 2 f. Calculated Well Volume (see back) 2.5

WELL PURGING DATA

a. Purge Method _____ ~~HAND BAILED~~ low flow 300ml/min

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~~ ml)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	DTW
1315	Initial	19.9	4.12	66	364		cloudy	None	4.69
1320	1500	18.8	3.59	63	89.4		clear		4.69
1325	3000	18.8	3.57	63	15.4				4.69
1330	4500	18.7	3.54	62	9.2				4.69

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~~ pump tubing

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW2	VOA	3	HCL	8260	1335
4304-MW2	500 ml PLASTIC	1	HN03	RCRA METALS	1335

Turb 9.0

Comments

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

Well/Piezo ID: MW-3

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG		Date: 10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304		Time: Start 1125 am/pm
Site Location:	CAMERON, NC	LAB QUOTE #2185	Finish 1155 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 20.00 c. Casing Material PVC e. Length of Water Column 11.32 (a-b)

b. Water Table Depth 8.68 d. Casing Diameter 2 f. Calculated Well Volume (see back) 1.8

WELL PURGING DATA

a. Purge Method ~~HAND BAIL~~ED low flow 300ml/min

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 5.4
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed ~~(gal)~~ ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	DTW
1130	Initial	18.7	3.47	55	277		Cloudy	None	8.69
1135	1500	18.7	3.46	51	35.4		clear	↓	8.69
1140	3000	18.7	3.45	51	6.9		↓	↓	8.69
1145	4500	18.7	3.45	51	5.6		↓	↓	8.69

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~~ pump tubing

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW3	VOA	3	HCL	8260	1150
4304-MW3	500 ml PLASTIC	1	HN03	RCRA METALS	1150

Turb

Comments

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

Well/Piezo ID: MW-4

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG		Date: 10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304		Time: Start 1040 am/pm
Site Location:	CAMERON, NC	LAB QUOTE #2185	Finish 1115 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 20.00 c. Casing Material PVC e. Length of Water Column 15.60 (a-b)

b. Water Table Depth 4.40 d. Casing Diameter 2 f. Calculated Well Volume (see back) 25

WELL PURGING DATA

a. Purge Method _____ ~~HAND BAILED~~ low flow 300 ml/min

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~~ ml)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	DTW
1048	Initial	19.6	3.24	480	50.4		clear	None	4.42
1055	2400	20.0	3.50	480	29.1		↓	↓	4.42
1100	3900	20.2	3.52	480	16.3		↓	↓	4.42
1105	5400	20.2	3.53	480	11.5		↓	↓	4.42

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~~ pump tubing

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW4	VOA	3	HCL	8260	1110
4304-MW4	500 ml PLASTIC	1	HN03	RCRA METALS	1110

Turb 11.0

Comments

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

Well/Piezo ID: MW5

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/14/00
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 1503 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish ~~AM~~ 1548 am/pm
Weather Conds: Sunny, 80°C 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 15.26 (a-b)

b. Water Table Depth 4.74 d. Casing Diameter 2 f. Calculated Well Volume (see back) 2.5

WELL PURGING DATA

a. Purge Method ~~HAND BAILED~~ low flow 300ml/min

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	DTW
1512	Initial	19.6	4.43	67	58.1		Clear	None	4.75
1517	1500	19.5	4.24	66	24.1		↓	↓	4.75
1522	3000	19.4	4.20	65	12.2				4.75
1527	4500	19.3	4.19	65	7.9				4.75

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~~ pump tubing

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW5	VOA	3	HCL	8260	1530
4304-MW5	500 ml PLASTIC	1	HN03	RCRA METALS	1530

Turb ~~TS~~ 7.4

Comments

Signature Jeff Leaver, Aaron Hill Date 10/14/00

Well/Piezo ID: MW-6

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; 80s Collector(s) JEFF LEAVER , AARON HILL

Date: 10/ 14 /08
Time: Start 1420 am/pm
Finish 1448 am/pm

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 18.12 (a-b)

b. Water Table Depth 6.88 d. Casing Diameter 2 f. Calculated Well Volume (see back) 30

WELL PURGING DATA

a. Purge Method _____ ~~HAND BAILED~~ low flow 300 ml/min

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	DTW
1424	Initial	19.0	3.60	59	58.4		clear	None	6.89
1429	1500	19.0	3.55	68	20.4		↓	↓	6.89
1434	3000	19.0	3.53	69	19.1		↓	↓	6.89
1439	4500	19.0	3.51	69	18.7		↓	↓	6.89

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	Turb
4304-MW6	VOA	3	HCL	8260	1443	18.2
4304-MW6	500 ml PLASTIC	1	HN03	RCRA METALS	1443	

Comments

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

Well/Piezo ID: MW 7

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/14/00
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 1345 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish 1410 am/pm
Weather Conds: Sunny, 80°F 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 14.01 (a-b)

b. Water Table Depth 5.99 d. Casing Diameter 2 f. Calculated Well Volume (see back) 2.3

WELL PURGING DATA

a. Purge Method _____ ~~HAND BAILED~~ low flow 300 ml/min

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.9
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed (~~gal~~ ml)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	DTW
1348	Initial	20.1	3.29	55	469		Tan	Sulfur	6.0
1353	1500	20.1	3.35	51	108		Clear	↓	6.0
1358	3000	20.2	3.39	50	19.3		↓	↓	6.0
1403	4500	20.2	3.40	48	14.7		↓	↓	6.0

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	1405
4304- MW7	500 ml PLASTIC	1	HN03	RCRA METALS	1405

Turb 12.5

Comments

Signature Jeff Leaver, Aaron Hill Date 10/14/00

Well/Piezo ID: MW-8

Ground Water Sample Collection Record

Client:	BRIAN S. BOUTIN, PG	Date:	10/14/08
Project No:	CENTRAL CAROLINA TIRE, PERMIT #4304	Time: Start	0955 am/pm
Site Location:	CAMERON, NC LAB QUOTE #2185	Finish	1030 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 20.00 c. Casing Material PVC e. Length of Water Column 14.00 (a-b)

b. Water Table Depth 6.00 d. Casing Diameter 2 f. Calculated Well Volume (see back) 2.3

WELL PURGING DATA

a. Purge Method _____ ~~HAND BAILED~~ low flow 300 ml/min

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ 3 well volumes) 6.9
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	
HACH	2100P	

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

Time	Volume Removed (~~gal~~ ml)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	DTW
1000	INITIAL	18.8	5.14	73	216		cloudy	None	6.01
1005	1,500	19.3	2.73	44	62.4				6.01
1010	3,000	19.3	2.69	42	18.1		clear		6.01
1015	4,500	19.4	2.61	41	12.4		clear		6.01

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~~ Pump tubing

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW8	VOA	3	HCL	8260	1020
4304- MW8	500 ml PLASTIC	1	HN03	RCRA METALS	1020

Turb 10.3

Comments collected EB01 on disp bailer @ 0930

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

Well/Piezo ID: MW-9

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Date: 10/ 14/08
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Time: Start 1550 am/pm
Site Location: CAMERON, NC LAB QUOTE #2185
Finish 1630 am/pm
Weather Conds: Sunny, 80°s Collector(s) JEFF LEAVER , AARON HILL

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

a. Total Well Length 30.00 c. Casing Material PVC e. Length of Water Column 10.25 (a-b)

b. Water Table Depth 19.75 d. Casing Diameter 2 f. Calculated Well Volume (see back) 1.7

WELL PURGING DATA

a. Purge Method ~~HAND BAILED~~ low flow 150 ml/min

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ ~~3~~ well volumes) 5.1
- 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~~ ml)	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY		Color	Odor	DTW
1555	INITIAL	21.9	3.33	183	21.8		clear	none	19.79
1600	750	22.3	3.29	189	21.6		↓	↓	19.79
1605	1500	22.3	3.28	189	21.6		↓	↓	19.79
1610	2250	22.4	3.26	190	21.5		↓	↓	19.79
61									

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	1615
4304-MW9	500 ml PLASTIC	1	HN03	RCRA METALS	1615

Turb 27.4

Comments

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

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

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

Report Number: G847-29

Client Project: Central Carolina Tire Permit #43-04

Dear Mr. Boutin:

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

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

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

Sincerely,
SGS Environmental Services, Inc.

10/24/08

Project Manager — Date
Lori Lockamy

Case Narrative
Brian S. Boutin, P.G.
SGS Project: **G847-29**
Project Name: **Central Carolina Tire Permit #43-04**

SGS Environmental Services Inc.

October 24, 2008

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

Data Review _____ Date 24 Oct 08

List of Reporting Abbreviations And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

P/D = Detected, but RPD is > 25/40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

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

MI34.021808.4

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-EB01
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-1A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	**0.340**	5.00	0.0790	1	10/20/2008	J
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-EB01
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-1A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW8
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-2A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	**0.120**	1.00	0.0770	1	10/20/2008	J
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	**0.960**	1.00	0.0690	1	10/20/2008	J
Toluene	**0.450**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW8
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-2A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW4
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-3A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	**0.220**	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	**0.820**	10.0	0.106	1	10/20/2008	J
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.310**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW4
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-3A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW3
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-4A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	**0.120**	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	**0.230**	5.00	0.0650	1	10/20/2008	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.110**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.270**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW3
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-4A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW2
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-5A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.160**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.260**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW2
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-5A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW2
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-6A
Lab Project ID: G847-29

Analyzed By: CLP
Date Collected: 10/14/2008 12:45
Date Received: 10/16/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW2
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-6A
Lab Project ID: G847-29

Analyzed By: CLP
Date Collected: 10/14/2008 12:45
Date Received: 10/16/2008
Matrix: Water
Sample Amount: 5 mL

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

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	9.53	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-MW7
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-7A
Lab Project ID: G847-29

Analyzed By: CLP
Date Collected: 10/14/2008 14:05
Date Received: 10/16/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	**0.250**	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.320**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW7
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-7A
Lab Project ID: G847-29

Analyzed By: CLP
Date Collected: 10/14/2008 14:05
Date Received: 10/16/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	**0.520**	5.00	0.0650	1	10/20/2008	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.79	98
4-Bromofluorobenzene	10	9.69	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-MW6
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-8A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	**0.880**	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.180**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW6
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-8A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW1
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-9A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	**0.260**	1.00	0.0650	1	10/20/2008	J
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW1
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-9A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW5
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-10A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.210**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW5
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-10A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW9
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-11A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	**0.210**	1.00	0.0770	1	10/20/2008	J
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	**0.810**	1.00	0.0760	1	10/20/2008	J
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW9
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-11A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/20/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/20/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/20/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/20/2008	
Total Xylene	**1.31**	5.00	0.0650	1	10/20/2008	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.74	97
4-Bromofluorobenzene	10	9.74	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-SW1 (Exp)
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-12A
Lab Project ID: G847-29

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

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

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-SW1 (Exp)
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-12A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	10/21/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/21/2008	
Vinyl acetate	BQL	50.0	0.100	1	10/21/2008	
Vinyl chloride	BQL	1.00	0.149	1	10/21/2008	
Total Xylene	BQL	5.00	0.0650	1	10/21/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.67	97
Toluene-d8	10	9.97	100
4-Bromofluorobenzene	10	10.2	102

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-MW10
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-13A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/20/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	**5.54**	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW10
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-13A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW18
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-14A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.910**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW18
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-14A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW11
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-15A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.830**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW11
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-15A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW16
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-16A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.560**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW16
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-16A
Lab Project ID: G847-29

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

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

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	9.84	98
4-Bromofluorobenzene	10	10.4	104

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW14
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-17A
Lab Project ID: G847-29

Analyzed By: MJC
Date Collected: 10/15/2008 9:25
Date Received: 10/16/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.560**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW14
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-17A
Lab Project ID: G847-29

Analyzed By: MJC
Date Collected: 10/15/2008 9:25
Date Received: 10/16/2008
Matrix: Water
Sample Amount: 5 mL

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

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	107
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	10.5	105

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW17
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-18A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.450**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW17
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-18A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW12
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-19A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/20/2008	
Acetonitrile	BQL	55.0	2.58	1	10/20/2008	
Acrylonitrile	BQL	200	2.93	1	10/20/2008	
Benzene	BQL	1.00	0.0650	1	10/20/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/20/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/20/2008	
Bromoform	BQL	3.00	0.120	1	10/20/2008	
Bromomethane	BQL	10.0	0.133	1	10/20/2008	
2-butanone	BQL	100	0.544	1	10/20/2008	
Carbon disulfide	BQL	100	0.0690	1	10/20/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/20/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/20/2008	
Chloroethane	BQL	10.0	0.106	1	10/20/2008	
Chloroform	BQL	5.00	0.0790	1	10/20/2008	
Chloromethane	BQL	1.00	0.146	1	10/20/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/20/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/20/2008	
Dibromomethane	BQL	10.0	0.113	1	10/20/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/20/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/20/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/20/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/20/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/20/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/20/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/20/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/20/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/20/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/20/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/20/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/20/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/20/2008	
2-hexanone	BQL	50.0	0.720	1	10/20/2008	
Iodomethane	BQL	10.0	0.0420	1	10/20/2008	
Methylene chloride	**0.390**	1.00	0.0980	1	10/20/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/20/2008	
Styrene	BQL	1.00	0.0850	1	10/20/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/20/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/20/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/20/2008	
Toluene	BQL	1.00	0.0760	1	10/20/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/20/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/20/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/20/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW12
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-19A
Lab Project ID: G847-29

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

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

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

Comments:

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

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW13
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-20A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/23/2008	
Acetonitrile	BQL	55.0	2.58	1	10/23/2008	
Acrylonitrile	BQL	200	2.93	1	10/23/2008	
Benzene	BQL	1.00	0.0650	1	10/23/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/23/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/23/2008	
Bromoform	BQL	3.00	0.120	1	10/23/2008	
Bromomethane	BQL	10.0	0.133	1	10/23/2008	
2-butanone	BQL	100	0.544	1	10/23/2008	
Carbon disulfide	BQL	100	0.0690	1	10/23/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/23/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/23/2008	
Chloroethane	BQL	10.0	0.106	1	10/23/2008	
Chloroform	BQL	5.00	0.0790	1	10/23/2008	
Chloromethane	BQL	1.00	0.146	1	10/23/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/23/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/23/2008	
Dibromomethane	BQL	10.0	0.113	1	10/23/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/23/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/23/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/23/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/23/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/23/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/23/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/23/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/23/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/23/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/23/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/23/2008	
2-hexanone	BQL	50.0	0.720	1	10/23/2008	
Iodomethane	BQL	10.0	0.0420	1	10/23/2008	
Methylene chloride	BQL	1.00	0.0980	1	10/23/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	10/23/2008	
Styrene	BQL	1.00	0.0850	1	10/23/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/23/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/23/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/23/2008	
Toluene	BQL	1.00	0.0760	1	10/23/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/23/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/23/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/23/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 4304-MW13
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-20A
Lab Project ID: G847-29

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

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

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

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-21A
Lab Project ID: G847-29

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

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	10/23/2008	
Acetonitrile	BQL	55.0	2.58	1	10/23/2008	
Acrylonitrile	BQL	200	2.93	1	10/23/2008	
Benzene	BQL	1.00	0.0650	1	10/23/2008	
Bromochloromethane	BQL	3.00	0.101	1	10/23/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	10/23/2008	
Bromoform	BQL	3.00	0.120	1	10/23/2008	
Bromomethane	BQL	10.0	0.133	1	10/23/2008	
2-butanone	BQL	100	0.544	1	10/23/2008	
Carbon disulfide	BQL	100	0.0690	1	10/23/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/23/2008	
Chlorobenzene	BQL	3.00	0.0820	1	10/23/2008	
Chloroethane	BQL	10.0	0.106	1	10/23/2008	
Chloroform	BQL	5.00	0.0790	1	10/23/2008	
Chloromethane	BQL	1.00	0.146	1	10/23/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	10/23/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/23/2008	
Dibromomethane	BQL	10.0	0.113	1	10/23/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/23/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/23/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/23/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/23/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/23/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/23/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/23/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/23/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/23/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/23/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/23/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/23/2008	
Ethylbenzene	BQL	1.00	0.0770	1	10/23/2008	
2-hexanone	BQL	50.0	0.720	1	10/23/2008	
Iodomethane	BQL	10.0	0.0420	1	10/23/2008	
Methylene chloride	**0.180**	1.00	0.0980	1	10/23/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	10/23/2008	
Styrene	BQL	1.00	0.0850	1	10/23/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/23/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/23/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	10/23/2008	
Toluene	BQL	1.00	0.0760	1	10/23/2008	
Trichloroethene	BQL	1.00	0.0540	1	10/23/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/23/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/23/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: Central Carolina Tire Permit #43-04
Lab Sample ID: G847-29-21A
Lab Project ID: G847-29

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

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

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

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Metals

Client Sample ID:	4304-EB01	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 09:30
Lab Sample ID:	G847-29-1	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0195**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00339**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW8	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 10:20
Lab Sample ID:	G847-29-2	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0461**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00125**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00390**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By: _____
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW4	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 11:10
Lab Sample ID:	G847-29-3	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0296**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	**0.000160**	0.00100	0.000134	10	MG/L	6020	10/23/2008	J
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00390**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW3	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 11:50
Lab Sample ID:	G847-29-4	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0286**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	**0.00377**	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	**0.000090**	0.000285	0.000037	1	MG/L	7470	10/22/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00374**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS XLS

Results for Metals

Client Sample ID:	4304-MW2	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 13:35
Lab Sample ID:	G847-29-5	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0867**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00177**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00357**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By: METALS.XLS

Results for Metals

Client Sample ID:	4304-SW2	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 12:45
Lab Sample ID:	G847-29-6	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0556**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00282**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	**0.00625**	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00373**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW7	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 14:05
Lab Sample ID:	G847-29-7	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

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

Comments

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

Reviewed By:
METALS XLS

Results for Metals

Client Sample ID:	4304-MW6	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 14:43
Lab Sample ID:	G847-29-8	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0341**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	**0.00370**	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00379**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By: METALS.XLS

Results for Metals

Client Sample ID:	4304-SW1	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 15:00
Lab Sample ID:	G847-29-9	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	**0.00278**	0.0100	0.00185	1	MG/L	6010B	10/21/2008	J
Barium	**0.384**	0.100	0.00512	1	MG/L	6010B	10/21/2008	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00209**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	**0.00711**	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00207**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW5	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 15:30
Lab Sample ID:	G847-29-10	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0309**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00125**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00374**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By: METALS.XLS

Results for Metals

Client Sample ID:	4304-MW9	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 16:15
Lab Sample ID:	G847-29-11	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0501**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00135**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00395**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-SW1 (Exp)	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 15:30
Lab Sample ID:	G847-29-12	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0179**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00375**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By:

METALS.XLS

Results for Metals

Client Sample ID:	4304-MW10	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/14/2008 15:50
Lab Sample ID:	G847-29-13	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	**0.00191**	0.0100	0.00185	1	MG/L	6010B	10/21/2008	J
Barium	**0.0538**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00145**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00341**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW18	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 08:30
Lab Sample ID:	G847-29-14	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0438**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00125**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00372**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW11	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:00
Lab Sample ID:	G847-29-15	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

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

Comments

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW16	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:15
Lab Sample ID:	G847-29-16	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0311**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00187**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	**0.000114**	0.000285	0.000037	1	MG/L	7470	10/22/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00410**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW14	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:25
Lab Sample ID:	G847-29-17	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.185**	0.100	0.00512	1	MG/L	6010B	10/21/2008	B
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00177**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	**0.00506**	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00311**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW17	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:35
Lab Sample ID:	G847-29-18	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0895**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	10/21/2008	B
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	10/21/2008	
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00419**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

Comments

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW12	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:45
Lab Sample ID:	G847-29-19	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

Metals	Result	RL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	10/21/2008	
Barium	**0.0238**	0.100	0.00512	1	MG/L	6010B	10/21/2008	JB
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	10/23/2008	
Chromium	**0.00325**	0.0100	0.00115	1	MG/L	6010B	10/21/2008	JB
Lead	**0.00480**	0.0100	0.00358	1	MG/L	6010B	10/21/2008	J
Mercury	BQL	0.000285	0.000037	1	MG/L	7470	10/22/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	10/21/2008	
Silver	**0.00401**	0.0100	0.000812	1	MG/L	6010B	10/21/2008	JB

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

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	4304-MW13	Analyzed By:	PSW DCP
Client Project ID:	Central Carolina Tire Permit #43-04	Date Collected:	10/15/2008 09:55
Lab Sample ID:	G847-29-20	Date Received:	10/16/2008
Lab Project ID:	G847-29	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	12705 12734		

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

Comments

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

Reviewed By:

METALS.XLS

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

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

www.us.sgs.com

089890

(1)

CLIENT: Brian S Boatin, P.G.

CONTACT: Same

PHONE NO: (919) 366-3663

PROJECT: Central Carolina Tire Permit # 43-04

SITE/PWSID#:

REPORTS TO: BSB, P.G. 11112 Branding Iron Place Wendell, NC 27591

E-MAIL:

FAX NO.: ( )

INVOICE TO: Same

QUOTE # 2185

P.O. NUMBER

SGS Reference: G847-29

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C= COMP G= GRAB	(3) Analysis Required: Appl VOCs/8260	(8) RCRA metals								REMARKS
							Preservatives Used: HCL	HNO3								
1	4304-EB01	10/14/8	0930	DI	4	G	3	1								
2	4304-MW8	↓	1020	GW	↓	↓	↓	↓								
3	4304-MW4		1110	↓												
4	4304-MW3		1150													
5	4304-MW2		1335	↓												
6	4304-SW2		1245	SW												
7	4304-MW7		1405	GW												
8	4304-MW6		1443	↓												
9	4304-SW1		1500	SW												
10	4304-MW5	↓	1530	GW	↓	↓	↓	↓								

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
Aaron Hill	10/15/8	1800	Fedex		
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			[signature]	10/16/08	1015
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 4.8, 5.2°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

SGS ENVIRONMENTAL SERVICES, INC.

N.C. CERTIFICATION #481

163

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

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

66 of 67

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

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

www.us.sgs.com

089887

(1)

CLIENT: Brian S. Barton, PG

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

PROJECT: Central Carolina Tire permit # 43-04 — SITE/PWSID#:

REPORTS TO: BSB, PG, 1112 Branding Iron Place, Wendell, NC 27591 — E-MAIL:

FAX NO.: ( )

INVOICE TO: Same — QUOTE # 2185

P.O. NUMBER

SGS Reference: 6847-29

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP, G=GRAB)	App I VOCs/8260 (3)	(8) RCRA Metals									REMARKS
						Preservatives Used		HCL	HNO3								
11	4304-MW9	10/14/8	1615	GW	4	G	3	1									
12	4304-SW1(EXP)	↓	1530	SW	↓	↓	↓	↓									
13	4304-MW10	↓	1550	GW	↓	↓	↓	↓									
14	4304-MW18	10/15/8	0830	↓	↓	↓	↓	↓									
15	4304-MW11	↓	0900	↓	↓	↓	↓	↓									
16	4304-MW16	↓	0915	↓	↓	↓	↓	↓									
17	4304-MW14	↓	0925	↓	↓	↓	↓	↓									
18	4304-MW17	↓	0935	↓	↓	↓	↓	↓									
19	4304-MW12	↓	0945	↓	↓	↓	↓	↓									
20	4304-MW13	↓	0955	↓	↓	↓	↓	↓									

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
Dan Hill	10/15/8	1800	FedEx		
Relinquished By: (2)	Date	Time	Received By:	Date	Time
			[signature]	10/16/8	1015
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 4.8, 5.2°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions: TRIP Blank included: 2 VOAs

21 for App I VOCs by 8260

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☐ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

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

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