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).
- 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):

Nautilus Geologic Consulting, PLLC

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 Landfill Phases I & II (Closed)	1616 McKoy Town Road Cameron, Harnett County, NC	43-04	.0500	April 26, 2012

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Brian S. Boutin, PG — Facility Representative Name (Print)

Consultant for Facility — Title

919-366-3663 (office); 919-995-0363 (cell) — (Area Code) Telephone Number

Signature

June 5, 2012 — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1209 GEOLOGIST BRIAN S. BOUTIN

11112 Branding Iron Place, Wendell, NC 27591

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

Explanatory Text for Notification Table
Central Carolina Tire Monofill Landfill
Cameron, Harnett, NC
Permit # 43-04
April 26, 2012 Water Quality Monitoring

The results of the April 26, 2012 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. With the exception of barium at background monitoring well MW-9, no RCRA metals were reported in any of the remaining 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. No Appendix I VOCs were reported in surface water samples SW-1 and SW-2. 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 April 2012 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.

The results of a preliminary site assessment conducted in November 2010 and a Phase 2 site assessment conducted in April and May 2012 indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8. The results of the preliminary site assessment are reported in the January 2011 *Preliminary Site Assessment Report* submitted to the NCDENR Solid Waste Section. A *Phase 2 Hydrogeologic and Groundwater Quality Assessment Report* is currently being finalized and will be forwarded to the NCDENR Solid Waste Section when completed.

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June 5, 2012

Ms. Elizabeth S. Werner, Hydrogeologist
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: Report of Results
Semi-Annual Groundwater and Surface Water Monitoring: April 2012
Central Carolina Tire Monofill Landfill Phase I/II
Cameron, Harnett County, NC
Permit # 43-04

Dear Ms. Werner:

This report presents the results of semi-annual groundwater and surface water quality monitoring conducted at the landfill site referenced above (**Figure 1**) on April 26, 2012. 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 April 26, 2012 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

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elevation data collected at the monitoring wells on April 26, 2012 are presented in **Table 1**. The depth to groundwater across the site, relative to the top of the PVC casing of the monitoring wells, ranged from 3.73 feet at MW-2 (located adjacent to a low-lying wetland area) to 23.02 feet at MW-9, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the April 26, 2012 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 east-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 0.033 ft/ft in west-southwest portion of the site to approximately 0.018 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 April 26, 2012 for laboratory analysis to monitor the quality of groundwater and surface water at the site. The groundwater and surface water samples were collected and handled in accordance with the sampling protocols included in the site Water Quality Monitoring Plan as well as the SWS Groundwater Monitoring Guidance Document. It is noted that monitoring well MW-9 serves as the upgradient, natural background well for the facility, and monitoring wells MW-2 through MW-7 serve as the downgradient monitoring wells. Monitoring well MW-8 is located immediately north of the landfill. Based on its location relative to the groundwater elevation contours, MW-8 is located hydraulically cross-gradient to the northern-most area of the landfill and hydraulically upgradient of most of the landfill area. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material was discarded after each use.

Prior to groundwater sampling, all monitoring wells were purged using pre-cleaned Teflon-lined disposable polyethylene tubing connected to a peristaltic pump under low flow conditions. 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 (3.78 to 5.38). Specific conductance values ranged from 64 (MW-8) to 474 (MW-9) μS/cm in groundwater at the Type II monitoring wells. Turbidity values ranged from 3.5 (MW-9) to 9.6 (MW-6) NTUs.

Surface water samples were collected from locations 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. The surface water samples from SW-1 and SW-2 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 April 26, 2012 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 surface water samples SW-1 and SW-2 indicate that no VOCs were reported in either sample. Low levels of barium and selenium were reported in both surface water samples. It is noted that none of the reported concentrations of metals in the surface water samples exceed the corresponding 15A NCAC 2B surface water quality standards.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells on April 26, 2012 indicate that low levels of benzene were reported in the groundwater samples collected from monitoring wells MW-3, MW-4, MW-6, and MW-7. In addition, trace levels of acetone, 1,1-dichloroethane, and cis-1,2-dichloroethene were reported in the groundwater sample collected from monitoring well MW-3, and a trace level of chloroethane was detected in the groundwater sample collected from monitoring well MW-4. The levels of VOCs reported in the groundwater samples collected from these wells were below the

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corresponding 15A NCAC 2L .0202 groundwater quality standards. Tetrachloroethene (PCE) was reported at a concentration of 3.4 µg/L in the sample from MW-8, which exceeds the 15A NCAC 2L .0202 groundwater quality standard of 0.70 µg/L. It is noted that the results of a preliminary site assessment conducted in November 2010 and a Phase 2 site assessment conducted in April and May 2012 indicate that the source of PCE in groundwater at MW-8 is unrelated to the Phase I/II landfill and is located in the vicinity of the maintenance shelter located north of MW-8.

The results of the metals analyses of the groundwater samples indicate that arsenic was reported in five of the samples, barium was reported in all of the samples, lead was reported in three of the samples, mercury was reported in two of the samples, and selenium was reported in seven of the samples. The concentration of barium reported in the groundwater sample collected from background monitoring well MW-9 (800 µg/L) exceeds the 15A NCAC 2L .0202 groundwater quality standard of 700 µg/L. It is noted, however, that the concentrations of barium historically reported at background monitoring well MW-9 have frequently exceeded the 15A NCAC 2L groundwater quality standard (see **Table 3**). Inasmuch as MW-9 is a background well located hydraulically up gradient of the closed Phase I/II landfill, the exceedance of the groundwater quality standard for barium at that location is considered to be unrelated to the landfill. None of the reported concentrations of the remaining metals in the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the April 26, 2012 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. With the exception of barium at background monitoring well MW-9, no RCRA metals were reported in any of the remaining 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. No Appendix I VOCs were reported in surface water samples SW-1 and SW-2. 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 April 2012 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.

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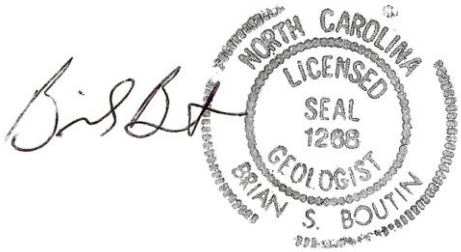
If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for October 2012.

Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist

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

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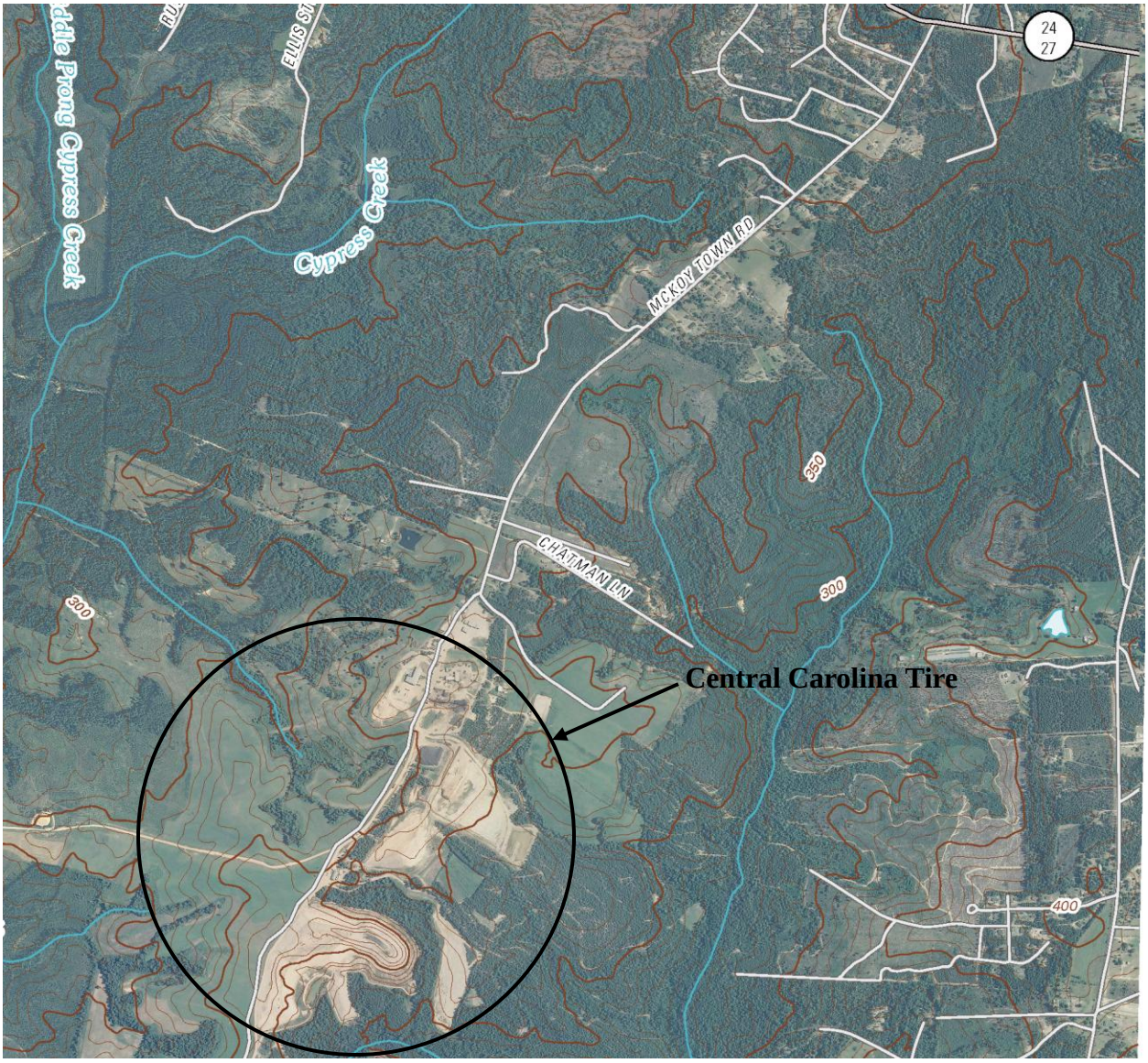

N

Source: USGS 7.5' Topographic Quadrangle Series
Murchisontown, NC 2010

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Wendell, NC 27591
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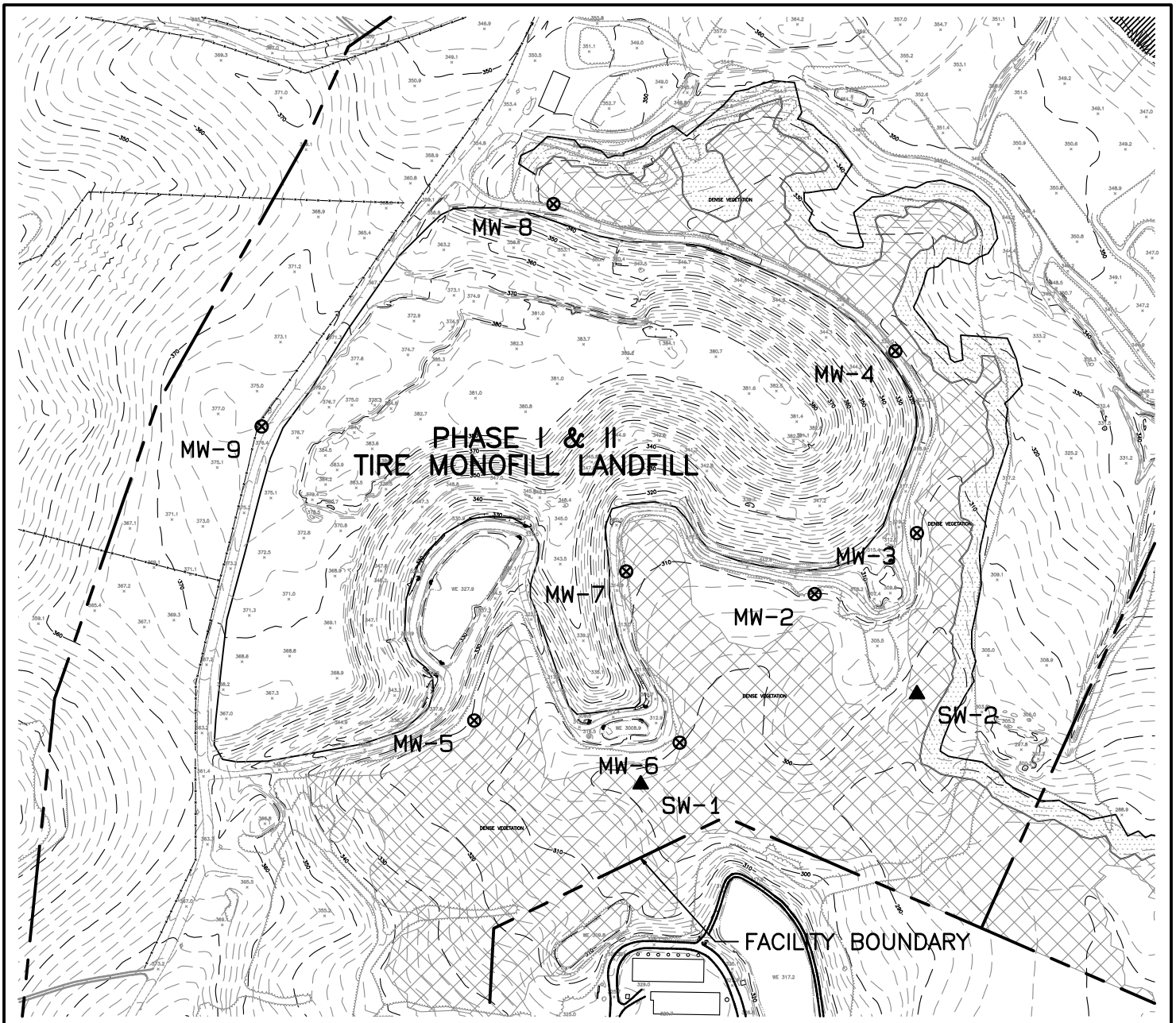
SITE LOCATION MAP

Central Carolina Tire Monofill Landfill
Harnett County, North Carolina

Drawn by:	Reviewed by:	Project #:	Drawing #:	Figure No.
USGS		Scale: 1:24,000	Drawing Date: 05/31/2012	1



LEGEND

⊗ MW-9 GROUNDWATER MONITORING WELL

▲ SW-1 SURFACE WATER MONITORING LOCATION

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

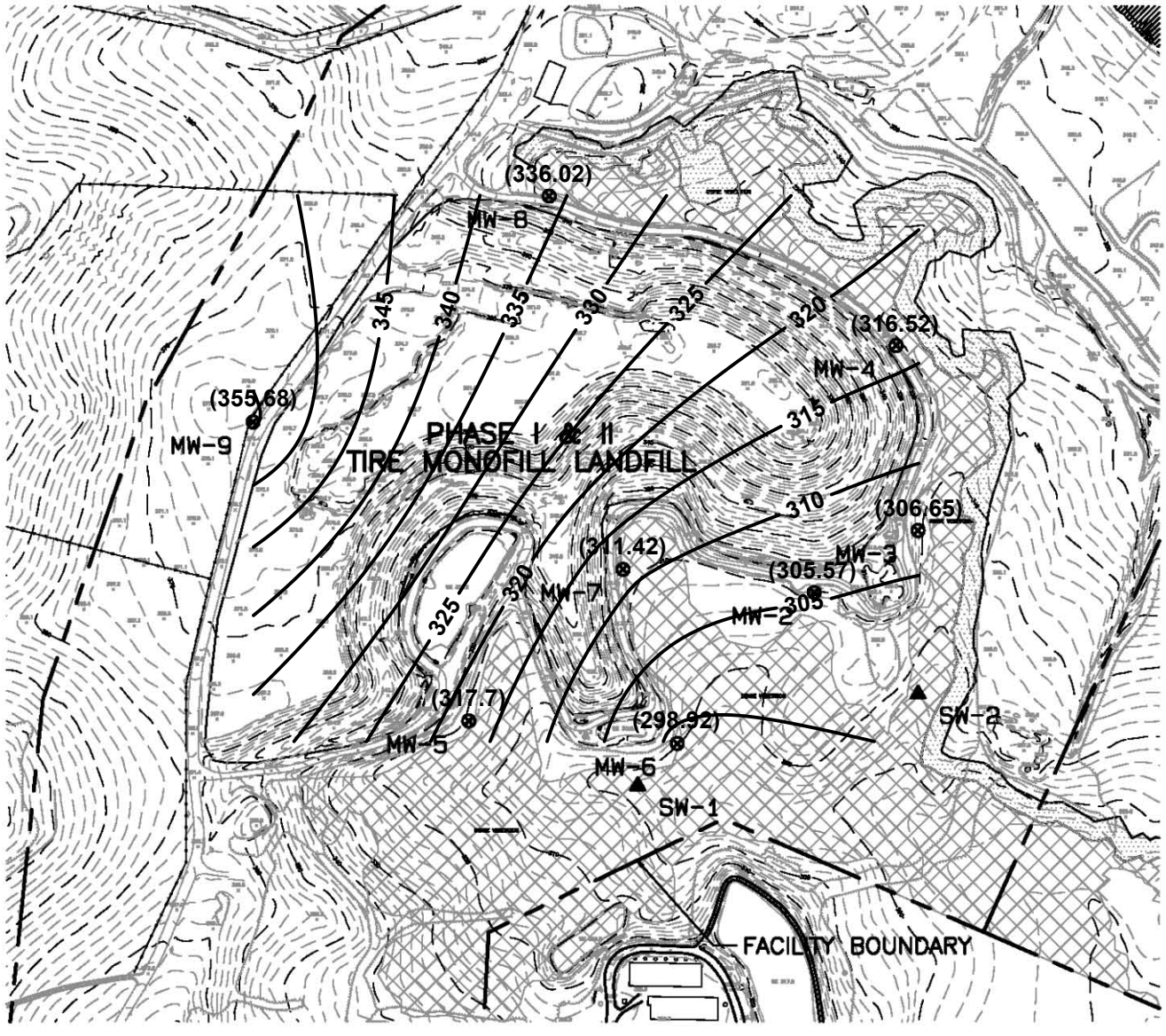
Nautilus Geologic Consulting, PLLC

CENTRAL CAROLINA TIRE PHASE I & II SITE MAP

JOB

FIG 2

V:\Liberty Tire Projects\Central Carolina Tire\Projects\Solid Waste\Groundwater Monitoring\3-Groundwater Monitoring Event Reports\2011\OCT '11\Phase 1 & 2\PHS 1-2 GW EVENT 10-11.pro



LEGEND

⊗ MW-9	GROUNDWATER MONITORING WELL
▲ SW-1	SURFACE WATER MONITORING LOCATION
320 ———	Groundwater Elevation Contour (ft. msl)
(317.70)	Groundwater Elevation (ft. msl)
▨	WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

Nautilus Geologic Consulting, PLLC

Central Carolina Tire Phase I & II
Water Table Elevation Contour Map
April 26, 2012

JOB

FIG 3

V:\Liberty Tire Projects\Central Carolina Tire\Projects\Solid Waste\Groundwater Monitoring\3-Groundwater Monitoring Event Reports\2011\OCT '11\Phase 1 & 2\PHS 1-2 GW EVENT 10-11.pro

Table 1
Monitoring Well and Groundwater Data
April 2012 Sampling Event
April 26, 2012
Central Carolina Tire Monofill Landfill Phase I/II
Harnett County, North Carolina
Permit # 43-04

Well Identity	Well Depth (Feet BGS)	Well Diameter (Inches)	Top of Casing Elevation (Feet MSL)	Depth to Groundwater (Feet BTOC)	Groundwater Elevation (Feet MSL)	Field Parameters			
						Temp. C°	pH	S.C. umhos/cm	Turbidity (ntu)
MW-2	20.0	2.0	309.30	3.73	305.57	17.5	4.58	77	4.9
MW-3	20.0	2.0	315.20	8.55	306.65	16.9	4.33	92	6.9
MW-4	20.0	2.0	320.80	4.28	316.52	16.9	5.10	95	7.2
MW-5	20.0	2.0	322.40	4.70	317.70	15.7	5.16	94	5.4
MW-6	25.0	2.0	305.10	6.18	298.92	16.0	5.38	125	9.6
MW-7	20.0	2.0	315.80	4.38	311.42	16.1	4.14	74	8
MW-8	20.0	2.0	342.80	6.78	336.02	18.4	4.55	64	6.6
MW-9	30.0	2.0	378.70	23.02	355.68	17.8	3.78	474	3.5

Notes: BGS = Below Ground Surface
MSL = Mean Sea Level
BTOC = Below Top of Casing
GW = Groundwater
S.C. = Specific Conductance
ntu = Nephelometric Turbidity Units
Monitoring well construction data taken from October-December 2006 Sampling Event Monitoring Report prepared by Withers & Ravenel.

Table 2
Laboratory Results for Surface Water and Groundwater Samples
April 2012 Sampling Event
April 26, 2012
Central Carolina Tire Monofill Landfill Phase I/II, Harnett County, NC
Permit # 43-04

ORGANIC CONSTITUENTS (ug/L)	SW-1	SW-2	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	GWP Std (ug/L)	NCAC 2L STD (ug/L)
Acetone	ND	ND	ND	2.7 J	ND	ND	ND	ND	ND	ND	NE	6000
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
Benzene	ND	ND	ND	0.51	0.93	ND	0.26 J	0.68	ND	ND	NE	1
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	NE
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
Bromoform (Tribromoethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	4
Bromomethane (Methyl Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	10
2-Butanone (MEK), (Methyl Ethyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	4000
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	700
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.3
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	50
Chloroethane (Ethyl Chloride)	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	NE	3000
Chloroform (Trichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	70
1,2-Dibromo-3-Chloropropane (DBCP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.04
Dibromochloromethane (Chlorodibromomethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41	0.4
1,2,-Dibromoethane (Ethylene Dibromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.02
Dibromomethane (Methylene Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	70
1,2-Dichlorobenzene (O-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	20
1,3-Dichlorobenzene (M-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	200
1,4-Dichlorobenzene (P-Dichlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	6
Trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
1,1-Dichloroethane	ND	ND	ND	0.47 J	ND	ND	ND	ND	ND	ND	NE	6
1,2-Dichloroethane (Ethylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.4
1,1-Dichloroethene (Vinylidene Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	7
1,2-Dichloroethene (cis and trans isomers)	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	60	60
1,2-Dichloropropane (Propylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
1,3-Dichloropropene (cis and trans isomers)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.4
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
Iodomethane (Methyl Iodide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
2-Hexanone (Methyl Butyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	40
Methyl Chloride (Chloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Methylene Chloride (Dichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560	NE
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	70
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18	0.2
Tetrachloroethene (Tetrachloroethylene), (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	**3.4**	ND	NE	0.7
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
1,1,1-Trichloroethane (Methylchloroform)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	200
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	0.6
Trichloroethene (Trichloroethylene), (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Trichlorofluoromethane (CFC-11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	2000
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.005
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	88	88
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.03
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	500
INORGANIC CONSTITUENTS (in ug/L)											**GWP Std (ug/L)**	**NCAC 2L STD (ug/L)**
Arsenic	ND	ND	ND	3.2	1.1	1.3	2.2	1.8	ND	ND	NE	10
Barium	24	25	95	40	20	32	28	65	22	**800**	NE	700
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	2
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	10
Lead	ND	ND	ND	1.7	ND	ND	ND	2.5	ND	6.0	NE	15
Mercury	ND	ND	ND	0.21	ND	ND	ND	ND	ND	0.23	NE	1
Selenium	3.0	1.9	3.3	11.0	2.9	5.1	6.6	5.1	ND	3.7	NE	20
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	20

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
GWP Std = Solid Waste Section Groundwater Protection Standard
ND = None detected above laboratory method detection limit.
NS = Not Sampled, No sample exists for this sampling period

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

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

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-2**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	2.43 JB	ND	ND	ND	ND	ND	ND	ND	ND	0.80 J	ND
Barium	**700**	135	170	180	170	152	110	92.1 JB	162.0	97.5 JB	86.7 JB	115 B	73.4 JB	110.0	69.0	94.0	81.0	95.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.29 J	0.18 J	**10.00**	0.93 J	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	4.58 JB	3.11 J	2.03 JB	1.77 JB	2.91 JB	2.67 JB	ND	1.5 J	ND	6.10	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	1.09 J	3.97 J	ND	ND	4.82 J	ND	1.6 J	0.68 J	ND	0.45 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	3.98 J	ND	8.75 J	ND	ND	ND	3.3 J	ND	ND	2.60	3.30
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.36 JB	3.57 JB	1.16 JB	1.25 JB	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	**6**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.160 JB	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.390 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-3**																		
Arsenic	**10**	ND	ND	ND	ND	ND	3.3 J	3.39 JB	ND	ND	ND	ND	ND	ND	0.92 J	ND	2.10	3.20
Barium	**700**	13	ND	ND	ND	30.5	34.1	20.0 JB	38.4 J	25.5 JB	28.6 JB	29.5 JB	41.2 JB	31.0	39.0	37.0	44.0	40.0
Cadmium	**2**	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.40**	ND	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	5.06 JB	1.69 J	2.62 JB	2.62 JB	4.29 JB	2.95 JB	ND	1.5 J	ND	4.80	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	1.31 J	3.60 J	ND	3.77 J	5.60 J	7.01 J	0.97 J	1.9 J	1.2 J	2.30	1.70
Mercury	**1**	ND	ND	ND	ND	ND	ND	0.038 J	0.133 J	0.064 J	0.090 J	0.089 J	0.36	0.056 J	ND	0.19 J	ND	0.21
Selenium	**20**	ND	ND	ND	ND	ND	ND	5.79 J	ND	9.5 J	ND	ND	ND	ND	7.60	ND	9.20	11.00
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.27 JB	3.74 JB	1.60 JB	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.3 J	ND	ND	ND	ND	2.7 J
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	0.610 J	ND	ND	0.260 J	0.55 J	ND	ND	ND	0.76	0.51
Bromomethane	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND
4-Methyl-2-Pentanone	**560**	ND	ND	ND	ND	ND	0.97 J	ND	ND	ND	ND	ND	2.8 J	0.56 J	0.89 J	ND	0.97 J	ND
Vinyl Chloride	**0.03**	ND	ND	ND	ND	ND	**1.1**	ND	**0.490 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	**6**	ND	ND	ND	ND	ND	ND	0.270 J	0.620 J	ND	ND	0.280 J	0.47 J	ND	ND	ND	0.67	0.47
1,2-Dichloroethene (isomers)	**60**	ND	1.5	1	ND	1.5	1.7	0.760 J	2.04 J	ND	0.230 J	0.660 J	1.21 J	0.53 J	0.84	0.59	2	1.0
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.110 JB	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	0.140 J	ND	0.330 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-4**																		
Arsenic	**10**	ND	ND	ND	ND	ND	2.9 J	4.16 JB	ND	ND	ND	ND	ND	ND	ND	ND	1.20	1.10
Barium	**700**	14	ND	ND	ND	23.7	20	20.9 JB	24.3 J	33.2 JB	29.6 JB	29.6 JB	22.2 JB	28.0	28.0	20.0	25.0	20.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	0.21 J	ND	0.48 J	ND	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	4.09 JB	3.11 J	2.77 JB	ND	3.40 JB	2.86 JB	ND	1.6 J	ND	5.00	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	3.12 J	6.11 J	ND	ND	ND	ND	ND	0.96 J	ND	0.74 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	3.73 J	ND	ND	ND	ND	ND	ND	3.4 J	ND	2.40	2.90
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.17 JB	3.90 JB	1.97 JB	1.03 JB	ND	ND	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	0.730 J	0.540 J	0.480 J	0.220 J	0.460 J	ND	0.56 J	ND	0.87	ND	0.93
Chloroethane	**3000**	ND	ND	3.0	ND	4.2	1.6	3.59 J	1.99 J	2.35 J	0.820 J	2.55 J	ND	1.3 J	ND	1.2	ND	1.7
1,1-Dichloroethane	**6**	ND	ND	3.0	ND	1.0	ND	0.350 J	0.560 J	0.210 J	ND	0.160 J	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	**0.4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (isomers)	**60**	ND	ND	ND	ND	ND	ND	0.210 J	0.560 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.310 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	0.110 J	ND	0.540 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-5**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	4.83 JB	1.93 J	ND	ND	ND	ND	ND	ND	ND	0.55 J	1.30
Barium	**700**	15	ND	ND	ND	ND	19.3	58.2 JB	32.3 J	30.8 JB	30.9 JB	33.6 JB	23.8 JB	30.0	28.0	31.0	27.0	32.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	0.45 J	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	8.54 JB	5.67 J	1.58 JB	1.25 JB	4.10 JB	2.39 JB	0.60 J	1.7 J	ND	5.00	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	14.5	6.02 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	0.058 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	5.42 J	ND	ND	ND	ND	ND	ND	3.2 J	ND	4.40	5.10
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.32 JB	3.74 JB	1.72 JB	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.280 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-6**																		
Arsenic	**10**	ND	ND	ND	ND	ND	2.8 J	2.25 JB	ND	ND	ND	3.08 J	ND	ND	0.9 J	ND	2.20	2.20
Barium	**700**	44	ND	ND	ND	37.4	29.9	30.5 JB	26.3 J	36.1 JB	34.1 JB	30.1 JB	21.3 JB	13.0	16 J	18.0	14.0	28.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	ND	0.37 J	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	5.05 JB	1.31 J	1.88 JB	ND	ND	2.76 JB	0.60 J	1.2 J	ND	4.40	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	1.62 J	4.43 J	6.14 J	3.70 J	3.50 J	ND	0.74 J	2.7 J	ND	0.87 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	4.75 J	ND	ND	ND	ND	ND	2.8 J	3.9 J	ND	5.80	6.60
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.34 JB	3.79 JB	1.47 JB	0.78 JB	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74 J	3.34 J	6.0 J	3.1 J	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	**1.4**	**1.21**	**1.03**	0.780 J	0.880 J	0.990 J	0.81 J	0.56 J	ND	ND	ND	0.26 J
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.180 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.380 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-7**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	3.88 JB	ND	ND	ND	ND	ND	ND	1.5 J	ND	1.20	1.80
Barium	**700**	102	ND	ND	ND	77	73.6	163 JB	64.2 J	70.7 JB	61.8 JB	63.0 JB	70.0 JB	67.0	65.0	67.0	54.0	65.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	5.47 JB	ND	1.58 JB	1.46 JB	3.01 JB	3.05 JB	ND	2.6 J	ND	4.50	ND
Lead	**15**	ND	ND	ND	ND	ND	2.1 J	10.60	6.54 J	5.69 J	4.02 JB	5.74 JB	6.97 J	3.2 J	9.20	2.7 J	4.10	2.50
Mercury	**1**	ND	ND	ND	ND	ND	ND	0.043 J	0.097 J	0.062 J	ND	ND	0.117 J	0.023 J	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	3.05 J	ND	7.96 J	ND	ND	ND	ND	3.7 J	ND	4.40	5.10
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.25 JB	3.62 JB	1.69 JB	0.94 J	ND	ND	ND	0.062 J	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.70	ND	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	0.790 J	0.210 J	0.250 J	0.330 J	0.61 J	ND	ND	ND	0.65	0.68
1,1-Dichloroethane	**6**	ND	ND	ND	ND	ND	ND	ND	0.150 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (isomers)	**60**	ND	ND	ND	ND	ND	ND	ND	0.240 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 JB	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	0.250 JB	0.320 J	ND	ND	ND	4.90	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	0.130 J	ND	0.520 J	ND	0.11 J	ND	ND	ND	ND	ND

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

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

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-8**																		
Arsenic	**10**	ND	ND	ND	ND	ND	ND	2.03 JB	ND	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND
Barium	**700**	24	ND	ND	ND	41.5	42.5	32.1 JB	41.4 J	43.9 JB	46.1 JB	45.0 JB	39.2 JB	38.0	33.0	40.0	41.0	22.0
Cadmium	**2**	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	0.59 J	0.17 J	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	5.03 JB	4.54 J	2.33 JB	1.25 JB	3.20 JB	2.95 JB	0.56 J	1.3 J	ND	3.70	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	1.04 J	7.71 J	7.42 J	ND	6.30 J	ND	1.1 J	0.72 J	1.1 J	0.74 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.28 JB	3.90 JB	1.29 JB	0.8 JB	ND	ND	ND	ND	ND
Ethylbenzene	**29**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120 J	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	**0.7**	ND	ND	ND	ND	ND	**1.8**	0.310 J	0.550 J	**0.730 J**	**0.960 J**	**2.40**	**1.74 B**	**6.30**	**1.80**	**5.40**	**6.90**	**3.40**
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.450 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.700 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **MW-9**																		
Arsenic	**10**	ND	ND	ND	ND	ND	2.6 J	2.88 JB	5.04 J	ND	ND	ND	ND	**15**	ND	**13**	ND	ND
Barium	**700**	308	370	270	360	242	310	462 JB	366.0	288 B	50.1 JB	210 B	311 B	680.0	230.0	**940**	**390**	**800**
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	0.23 J	0.52 J	0.31 J	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	5.71 JB	1.24 J	1.73 JB	1.35 JB	2.82 JB	5.21 JB	1.0 J	2 J	ND	8.3 J	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	7.21 J	6.84 J	5.02 J	ND	ND	ND	10.00	3.4 J	10	4	6
Mercury	**1**	ND	ND	ND	ND	ND	ND	0.83	0.077 J	ND	ND	ND	ND	0.12 J	ND	0.77	0.35	0.23
Selenium	**20**	ND	ND	ND	ND	ND	2.2 J	1.35 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	4
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.95 JB	1.18 JB	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	ND	ND	ND	ND	ND
Ethylbenzene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.210 J	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 JB	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.810 J	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31 J	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **SW-1**																		
Arsenic	**10**	ND	ND	ND	ND	ND	2.2 J	2.07 JB	2.86 J	ND	2.78 J	ND	ND	ND	0.61 J	ND	1.90	ND
Barium	**700**	15	ND	100	ND	ND	17.6	18.7 JB	25.5 J	30.4 JB	384 B	36.2 JB	21.1 JB	19.00	32.00	38.00	38.00	24.00
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.370 J	0.28 J	ND	0.3 J	ND	ND	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	5.76 JB	2.66 J	2.03 JB	2.09 JB	3.70 JB	2.49 JB	0.70 J	1.3 J	ND	5.00	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	ND	5.39 J	6.07 J	7.11 J	3.91 JB	ND	ND	ND	ND	0.27 J	ND
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	3.7 J	1.96 J	ND	ND	ND	ND	ND	ND	3.3 J	ND	4.40	3.00
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.46 JB	2.07 JB	1.38 JB	0.87 JB	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	ND	ND	ND	ND	ND	2.51 JB	ND	ND	ND	ND	2.8 J	ND	ND	ND
Benzene	**1**	ND	ND	ND	1.0	ND	ND	ND	ND	ND	0.260 J	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	**560**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND

Sampling Date:	2L Standard	3/24/2004	11/9/2004	6/23/2005	10/26/2005	3/30/2006	10/19/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/22/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/6/2011	4/26/2012
Well No: **SW-2**																		
Arsenic	**10**	ND	ND	ND	ND	ND	2.9 J	1.70 JB	2.92 J	ND	ND	ND	ND	ND	ND	ND	NA	ND
Barium	**700**	13	ND	ND	ND	ND	21.1	31.1 JB	14.3 J	30.5 JB	55.6 JB	27.5 JB	75.1 JB	48.0	40.0	31.0	NA	25.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	1.2	0.63 J	NA	ND
Chromium	**10**	ND	ND	ND	ND	ND	ND	6.09 JB	5.66	2.47 JB	2.82 JB	2.82 JB	11.6 B	1.1 J	1.8 J	ND	NA	ND
Lead	**15**	ND	ND	ND	ND	ND	ND	0.350 J	ND	3.79 J	6.25 J	4.42 J	21.3	ND	1.0 J	1.0 J	NA	ND
Mercury	**1**	ND	ND	ND	ND	ND	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2 J	ND	ND	NA	1.90
Silver	**20**	ND	ND	ND	ND	ND	ND	ND	ND	2.24 JB	3.73 JB	1.58 JB	ND	ND	ND	ND	NA	ND

Notes:

Results in parts per billion (ppb)

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

NA - Not analyzed for or not available

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

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

J = Estimated value above laboratory method detection limit and below SWSL or reporting limit.

B = Analyte found in associated field and/or laboratory blank.

APPENDIX A

Groundwater Sampling Forms

Well/Piezo ID: MW2

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Cloudy, 70s Collector(s) A. Hill

Date: 4/26/12
Time: Start 1450 am/pm
Finish 1535 am/pm

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 16.27 (a-b)

b. Water Table Depth 3.73 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.7

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ NA well volumes) _____ N/A Pumping Rate: 100 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K101305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1455	INT	15.94	4.53	77	7.3	3.73	Clear	No	
1500	1000	16.58	4.44	77	6.9	3.73	Clear	No	
1505	1500	16.98	4.46	77	6.9	3.73	Clear	No	
1510	2000	17.37	4.47	77	6.2	3.73	Clear	No	
1515	2500	17.41	4.51	77	5.4	3.73	Clear	No	
1520	3000	17.52	4.58	77	4.9	3.73	Clear	No	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW2	VOA	3	HCL	8260	1525
4304- MW2	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments _____

Signature [signature] Date 4/26/12

Well/Piezo ID: MW-3

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: P.Cloudy, 60°s Collector(s) A.N.V

Date: 4/26/12
Time: Start 1110 am/pm
Finish 1150 am/pm

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

a. Total Well Length 20.00
b. Water Table Depth 8.55
c. Casing Material PVC
d. Casing Diamete r 2"
e. Length of Water Column 11.45 (a-b)
f. Calculated Well Volume (see back) 1.9

WELL PURGING DATA

a. Purge Method LOW FLOW

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

Pumping Rate: 100 ml/min.

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K101305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1115	INT	16.55	4.59	90	16.6	8.56	clear	NO	
1120	1000	16.81	4.36	91	12.3	8.56	clear	NO	
1125	1500	16.84	4.34	92	10.4	8.57	clear	NO	
1130	2000	16.85	4.34	92	8.2	8.58	clear	NO	
1135	2500	16.87	4.33	92	6.9	8.58	clear	NO	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW3	VOA	3	HCL	8260	1140
4304- MW3	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature [signature] Date 4/26/12

Well/Piezo ID: MW-4

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: P.Cloudy, 60's Collector(s) A.Hill

Date: 4/26/12
Time: Start 1025 am/pm
Finish 1105 am/pm

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

a. Total Well Length 20.00
b. Water Table Depth 4.28
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 15.72 (a-b)
f. Calculated Well Volume (see back) 2.6

WELL PURGING DATA

a. Purge Method LOW FLOW

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

Pumping Rate: 100 ml/min.

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K01305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1030	INT	17.01	5.19	91	18.1	4.29	clear	NO	
1035	1000	16.78	5.10	97	10.4	4.29	clear	NO	
1040	1500	16.84	5.10	96	8.6	4.29	clear	NO	
1045	2000	16.86	5.10	95	8.1	4.29	clear	NO	
1050	2500	16.88	5.10	95	7.2	4.29	clear	NO	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW-4	VOA	3	HCL	8260	1055
4304- MW-4	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature A.Hill Date 4/26/12

Well/Piezo ID: MW-5

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Cloudy; T.Storms; 60's Collector(s) A. Hill

Date: 4/26/12
Time: Start 1215 am/pm
Finish 1255 am/pm

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 15.3 (a-b)

b. Water Table Depth 4.70 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.5

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ NA well volumes) _____ N/A Pumping Rate: 100 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K101305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1220	INT.	15.66	5.11	93	8.9	4.70	Clear	NO	
1225	1000	15.68	5.14	94	8.1	4.71	Clear	NO	
1230	1500	15.68	5.15	94	6.9	4.71	Clear	NO	
1235	2000	15.68	5.15	94	6.2	4.71	Clear	NO	
1240	2500	15.68	5.16	94	5.4	4.72	Clear	NO	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW5	VOA	3	HCL	8260	1245
4304- MW5	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature [signature] Date 4/26/12

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
Weather Conds: Cloudy, 60s, light rain Collector(s) A.H.M.

Date: 4/26/12
Time: Start 1305 am/pm
Finish 1345 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 18.82 (a-b)

b. Water Table Depth 6.18 d. Casing Diameter 2" f. Calculated Well Volume (see back) 3.1

WELL PURGING DATA

a. Purge Method LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ NA well volumes) N/A Pumping Rate: 100 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K101305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1310	INIT	15.65	5.42	122	24.5	6.18	Clear	NO	
1315	1000	15.91	5.40	124	21.2	6.19	Clear	NO	
1320	1500	16.00	5.39	124	17.6	6.19	Clear	NO	
1325	2000	16.01	5.39	124	10.4	6.19	Clear	NO	
1330	2500	16.02	5.38	125	9.6	6.19	Clear	NO	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW6	VOA	3	HCL	8260	1335
4304- MW6	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature [signature] Date 4/26/12

Well/Piezo ID: MW-7

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Cloudy; 70°s Collector(s) A-Hill

Date: 4/26/12
Time: Start 1355 am/pm
Finish 1440 am/pm

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 15.62 (a-b)

b. Water Table Depth 4.38 d. Casing Diamete r 2" f. Calculated Well Volume (see back) _____

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ well volumes) NA N/A Pumping Rate: 100 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K10305
HACH	2100P	28073

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
1400	INT	16.04	4.51	76	377	4.40	clear	NS	
1405	1000	16.12	4.20	75	21.4	4.40	clear	NS	
1410	1500	16.12	4.17	75	11.4	4.40	clear	NS	
1415	2000	16.14	4.15	74	9.6	4.40	clear	NS	
1420	2500	16.13	4.15	74	8.1	4.40	clear	NS	
1425	3000	16.13	4.14	74	8.0	4.40	clear	NS	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW7	VOA	3	HCL	8260	1430
4304-MW7	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature A. Hill Date 4/26/12

Well/Piezo ID: MW-8

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: PCloudy; 60's Collector(s) A. Hill

Date: 4/26 /12
Time: Start 0930 am/pm
Finish 1015 am/pm

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

a. Total Well Length 20.00 c. Casing Material PVC e. Length of Water Column 13.22 (a-b)

b. Water Table Depth 6.78 d. Casing Diameter 2" f. Calculated Well Volume (see back) 2.2

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ NA well volumes) _____ N/A Pumping Rate: 100 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K101305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (µmhos)	TURBIDITY	DTW	Color	Odor	
0935	INT	17.37	452	78	148	6.79	Clear	No	
0940	1000	17.82	4.53	67	24.7	6.79	Clear	No	
0945	1500	18.27	4.54	65	10.4	6.80	Clear	No	
0950	2000	18.31	4.54	65	8.1	6.80	Clear	No	
0955	2500	18.34	4.54	65	7.2	6.80	Clear	No	
1000	3000	18.37	4.55	64	6.6	6.81	Clear	No	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304- MW8	VOA	3	HCL	8260	1005
4304- MW8	500 ml PLASTIC	1	HN03	RCRA METALS	

Comments _____

Signature A. Hill Date 4/26 /12

Well/Piezo ID: MW-9

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: P.Cloudy; 60's Collector(s) A. Hill

Date: 4/26/12
Time: Start 0840 am/pm
Finish 0928 am/pm

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

a. Total Well Length 31.95 c. Casing Material PVC e. Length of Water Column 8.93 (a-b)

b. Water Table Depth 23.02 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.5

WELL PURGING DATA

a. Purge Method LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ NA well volumes) NA N/A Pumping Rate: 100 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	09K101305
HACH	2100P	28078

d. Field Testing Equipment Calibration Documentation Found on Separate Form

Time	Volume Removed ml	T° (C/F)	pH	Spec. Cond (umhos)	TURBIDITY	DTW	Color	Odor	
0845	INT	17.51	3.12	488	4.7	23.04	Clear	None	
0850	1000	17.54	3.50	481	4.2	23.05	Clear	None	
0855	1500	17.73	3.72	475	4.1	23.05	Clear	None	
0900	2000	17.76	3.76	475	3.8	23.05	Clear	None	
0905	2500	17.77	3.74	474	3.5	23.06	Clear	None	

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: Peristaltic Pump

Sample ID	Container Type	No. of Containers	Preservation	Analysis	Time
4304-MW9	VOA	3	HCL	8260	0910
4304-MW9	500 ml PLASTIC	1	HN03	RCRA METALS	"

Comments

Signature [signature] Date 4/26/12

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

Case Narrative

05/15/2012

Brian S. Boutin, PG
Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire
Project No.: 43-04
Lab Submittal Date: 04/27/2012
Prism Work Order: 2050008

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Sample Receipt Summary

05/15/2012

Prism Work Order: 2050008

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
4304-Trip Blank	2050008-01	Water	04/26/12	04/27/12
4304-EB01	2050008-02	Water	04/26/12	04/27/12
4304-MW9	2050008-03	Water	04/26/12	04/27/12
4304-MW8	2050008-04	Water	04/26/12	04/27/12
4304-MW4	2050008-05	Water	04/26/12	04/27/12
4304-MW3	2050008-06	Water	04/26/12	04/27/12
4304-SW2	2050008-07	Water	04/26/12	04/27/12
4304-SW1	2050008-08	Water	04/26/12	04/27/12
4304-MW5	2050008-09	Water	04/26/12	04/27/12
4304-MW6	2050008-10	Water	04/26/12	04/27/12
4304-MW7	2050008-11	Water	04/26/12	04/27/12
4304-MW2	2050008-12	Water	04/26/12	04/27/12

Samples received in good condition at 0.2 degrees C unless otherwise noted.

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Summary of Detections

05/15/2012

Prism Work Order: 2050008

Prism ID	Client ID	Parameter	Method	Result		Units
2050008-01	4304-Trip Blank	Acetone	8260B	3.6	J	ug/L
2050008-03	4304-MW9	Barium	*6020A	800		ug/L
2050008-03	4304-MW9	Lead	*6020A	6.0		ug/L
2050008-03	4304-MW9	Selenium	*6020A	3.7		ug/L
2050008-03	4304-MW9	Mercury	*7470A	0.23		ug/L
2050008-04	4304-MW8	Barium	*6020A	22		ug/L
2050008-04	4304-MW8	Tetrachloroethylene	8260B	3.4		ug/L
2050008-05	4304-MW4	Arsenic	*6020A	1.1		ug/L
2050008-05	4304-MW4	Barium	*6020A	20		ug/L
2050008-05	4304-MW4	Selenium	*6020A	2.9		ug/L
2050008-05	4304-MW4	Benzene	8260B	0.93		ug/L
2050008-05	4304-MW4	Chloroethane	8260B	1.7		ug/L
2050008-06	4304-MW3	Arsenic	*6020A	3.2		ug/L
2050008-06	4304-MW3	Barium	*6020A	40		ug/L
2050008-06	4304-MW3	Lead	*6020A	1.7		ug/L
2050008-06	4304-MW3	Selenium	*6020A	11		ug/L
2050008-06	4304-MW3	Mercury	*7470A	0.21		ug/L
2050008-06	4304-MW3	1,1-Dichloroethane	8260B	0.47	J	ug/L
2050008-06	4304-MW3	Acetone	8260B	2.7	J	ug/L
2050008-06	4304-MW3	Benzene	8260B	0.51		ug/L
2050008-06	4304-MW3	cis-1,2-Dichloroethylene	8260B	1.0		ug/L
2050008-07	4304-SW2	Barium	*6020A	25		ug/L
2050008-07	4304-SW2	Selenium	*6020A	1.9		ug/L
2050008-08	4304-SW1	Barium	*6020A	24		ug/L
2050008-08	4304-SW1	Selenium	*6020A	3.0		ug/L
2050008-09	4304-MW5	Arsenic	*6020A	1.3		ug/L
2050008-09	4304-MW5	Barium	*6020A	32		ug/L
2050008-09	4304-MW5	Selenium	*6020A	5.1		ug/L
2050008-10	4304-MW6	Arsenic	*6020A	2.2		ug/L
2050008-10	4304-MW6	Barium	*6020A	28		ug/L
2050008-10	4304-MW6	Selenium	*6020A	6.6		ug/L
2050008-10	4304-MW6	Benzene	8260B	0.26	J	ug/L
2050008-11	4304-MW7	Arsenic	*6020A	1.8		ug/L
2050008-11	4304-MW7	Barium	*6020A	65		ug/L
2050008-11	4304-MW7	Lead	*6020A	2.5		ug/L
2050008-11	4304-MW7	Selenium	*6020A	5.1		ug/L
2050008-11	4304-MW7	Benzene	8260B	0.68		ug/L
2050008-12	4304-MW2	Barium	*6020A	95		ug/L
2050008-12	4304-MW2	Selenium	*6020A	3.3		ug/L

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Laboratory Report

05/15/2012

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-Trip Blank
Prism Sample ID: 2050008-01
Prism Work Order: 2050008
Time Collected: 04/26/12 00:00
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 19:41	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 19:41	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 19:41	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 19:41	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 19:41	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 19:41	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 19:41	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 19:41	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 19:41	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 19:41	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 19:41	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 19:41	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 19:41	MGB	P2E0185
Acetone	**3.6 J**	**ug/L**	**5.0**	**0.62**	**1**	**8260B**	**5/9/12 19:41**	**MGB**	**P2E0185**
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 19:41	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/9/12 19:41	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 19:41	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 19:41	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 19:41	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 19:41	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 19:41	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 19:41	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 19:41	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 19:41	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 19:41	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 19:41	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 19:41	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 19:41	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 19:41	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 19:41	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 19:41	MGB	P2E0185
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 19:41	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 19:41	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 19:41	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 19:41	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 19:41	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 19:41	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 19:41	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 19:41	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 19:41	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 19:41	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 19:41	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-Trip Blank
Prism Sample ID: 2050008-01
Prism Work Order: 2050008
Time Collected: 04/26/12 00:00
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 19:41	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 19:41	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 19:41	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 19:41	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 19:41	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 19:41	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 19:41	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 19:41	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*95 %*	*77-123*

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Laboratory Report

05/15/2012

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 2050008-02
Prism Work Order: 2050008
Time Collected: 04/26/12 08:35
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:14	LTB	P2E0022
Barium	BRL	ug/L	5.0	0.19	1	*6020A	5/9/12 3:14	LTB	P2E0022
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:14	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:14	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:23	LTB	P2E0022
Selenium	BRL	ug/L	1.0	0.44	1	*6020A	5/9/12 3:14	LTB	P2E0022
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:14	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 17:31	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 20:10	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 20:10	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 20:10	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 20:10	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 20:10	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 20:10	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 20:10	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 20:10	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 20:10	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 20:10	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 20:10	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 20:10	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 20:10	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/9/12 20:10	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 20:10	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/9/12 20:10	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 20:10	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 20:10	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 20:10	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 20:10	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 20:10	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 20:10	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 20:10	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 20:10	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 20:10	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 20:10	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 20:10	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 20:10	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 20:10	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 20:10	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 20:10	MGB	P2E0185
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 20:10	MGB	P2E0185

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Laboratory Report

05/15/2012

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-EB01
Prism Sample ID: 2050008-02
Prism Work Order: 2050008
Time Collected: 04/26/12 08:35
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 20:10	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 20:10	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 20:10	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 20:10	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 20:10	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 20:10	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 20:10	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 20:10	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 20:10	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 20:10	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 20:10	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 20:10	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 20:10	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 20:10	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 20:10	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 20:10	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 20:10	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 20:10	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 2050008-03
Prism Work Order: 2050008
Time Collected: 04/26/12 09:10
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 2:30	LTB	P2E0022
Barium	**800**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/10/12 15:38**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 2:30	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 2:30	LTB	P2E0022
Lead	**6.0**	**ug/L**	**1.0**	**0.13**	**1**	***6020A**	**5/10/12 15:38**	**LTB**	**P2E0022**
Selenium	**3.7**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 2:30**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 2:30	LTB	P2E0022
Total Metals									
Mercury	**0.23**	**ug/L**	**0.20**	**0.0070**	**1**	***7470A**	**5/7/12 17:35**	**MEH**	**P2E0131**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 21:08	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 21:08	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 21:08	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 21:08	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 21:08	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 21:08	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 21:08	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 21:08	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 21:08	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 21:08	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 21:08	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:08	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 21:08	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/9/12 21:08	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 21:08	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/9/12 21:08	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:08	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 21:08	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 21:08	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 21:08	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 21:08	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 21:08	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 21:08	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:08	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 21:08	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 21:08	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 21:08	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 21:08	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 21:08	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:08	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 21:08	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW9
Prism Sample ID: 2050008-03
Prism Work Order: 2050008
Time Collected: 04/26/12 09:10
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 21:08	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 21:08	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 21:08	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 21:08	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 21:08	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 21:08	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 21:08	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 21:08	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 21:08	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 21:08	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 21:08	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 21:08	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 21:08	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 21:08	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 21:08	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 21:08	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 21:08	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 21:08	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 21:08	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*95 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 2050008-04
Prism Work Order: 2050008
Time Collected: 04/26/12 10:05
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:40	LTB	P2E0022
Barium	**22**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 3:40**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:40	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:40	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:51	LTB	P2E0022
Selenium	BRL	ug/L	1.0	0.44	1	*6020A	5/9/12 3:40	LTB	P2E0022
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:40	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 17:39	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 21:37	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 21:37	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 21:37	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 21:37	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 21:37	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 21:37	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 21:37	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 21:37	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 21:37	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 21:37	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 21:37	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:37	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 21:37	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/9/12 21:37	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 21:37	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/9/12 21:37	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:37	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 21:37	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 21:37	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 21:37	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 21:37	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 21:37	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 21:37	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:37	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 21:37	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 21:37	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 21:37	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 21:37	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 21:37	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 21:37	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 21:37	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW8
Prism Sample ID: 2050008-04
Prism Work Order: 2050008
Time Collected: 04/26/12 10:05
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 21:37	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 21:37	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 21:37	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 21:37	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 21:37	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 21:37	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 21:37	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 21:37	MGB	P2E0185
Tetrachloroethylene	**3.4**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**5/9/12 21:37**	**MGB**	**P2E0185**
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 21:37	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 21:37	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 21:37	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 21:37	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 21:37	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 21:37	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 21:37	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 21:37	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 21:37	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 21:37	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*115 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 2050008-05
Prism Work Order: 2050008
Time Collected: 04/26/12 10:55
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**1.1**	**ug/L**	**1.0**	**0.12**	**1**	***6020A**	**5/9/12 3:44**	**LTB**	**P2E0022**
Barium	**20**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 3:44**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:44	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:44	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:55	LTB	P2E0022
Selenium	**2.9**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 3:44**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:44	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 17:42	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 22:06	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 22:06	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 22:06	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 22:06	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 22:06	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 22:06	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 22:06	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 22:06	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 22:06	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 22:06	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 22:06	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:06	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 22:06	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/9/12 22:06	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 22:06	MGB	P2E0185
Benzene	**0.93**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**5/9/12 22:06**	**MGB**	**P2E0185**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:06	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 22:06	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 22:06	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 22:06	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 22:06	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 22:06	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 22:06	MGB	P2E0185
Chloroethane	**1.7**	**ug/L**	**0.50**	**0.13**	**1**	**8260B**	**5/9/12 22:06**	**MGB**	**P2E0185**
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 22:06	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 22:06	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 22:06	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 22:06	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 22:06	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:06	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 22:06	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW4
Prism Sample ID: 2050008-05
Prism Work Order: 2050008
Time Collected: 04/26/12 10:55
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 22:06	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 22:06	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 22:06	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 22:06	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 22:06	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 22:06	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 22:06	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 22:06	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 22:06	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 22:06	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 22:06	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 22:06	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 22:06	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 22:06	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 22:06	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 22:06	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 22:06	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 22:06	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 22:06	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*115 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*97 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 2050008-06
Prism Work Order: 2050008
Time Collected: 04/26/12 11:40
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**3.2**	**ug/L**	**1.0**	**0.12**	**1**	***6020A**	**5/9/12 2:20**	**LTB**	**P2E0022**
Barium	**40**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 2:20**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 2:20	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 2:20	LTB	P2E0022
Lead	**1.7**	**ug/L**	**1.0**	**0.13**	**1**	***6020A**	**5/10/12 15:30**	**LTB**	**P2E0022**
Selenium	**11**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 2:20**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 2:20	LTB	P2E0022
Total Metals									
Mercury	**0.21**	**ug/L**	**0.20**	**0.0070**	**1**	***7470A**	**5/7/12 17:46**	**MEH**	**P2E0131**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 22:35	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 22:35	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 22:35	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 22:35	MGB	P2E0185
1,1-Dichloroethane	**0.47 J**	**ug/L**	**0.50**	**0.096**	**1**	**8260B**	**5/9/12 22:35**	**MGB**	**P2E0185**
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 22:35	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 22:35	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 22:35	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 22:35	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 22:35	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 22:35	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:35	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 22:35	MGB	P2E0185
Acetone	**2.7 J**	**ug/L**	**5.0**	**0.62**	**1**	**8260B**	**5/9/12 22:35**	**MGB**	**P2E0185**
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 22:35	MGB	P2E0185
Benzene	**0.51**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**5/9/12 22:35**	**MGB**	**P2E0185**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:35	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 22:35	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 22:35	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 22:35	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 22:35	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 22:35	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 22:35	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:35	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 22:35	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 22:35	MGB	P2E0185
cis-1,2-Dichloroethylene	**1.0**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**5/9/12 22:35**	**MGB**	**P2E0185**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 22:35	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 22:35	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 22:35	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 22:35	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW3
Prism Sample ID: 2050008-06
Prism Work Order: 2050008
Time Collected: 04/26/12 11:40
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 22:35	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 22:35	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 22:35	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 22:35	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 22:35	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 22:35	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 22:35	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 22:35	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 22:35	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 22:35	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 22:35	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 22:35	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 22:35	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 22:35	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 22:35	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 22:35	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 22:35	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 22:35	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 22:35	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 2050008-07
Prism Work Order: 2050008
Time Collected: 04/26/12 11:55
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 2:43	LTB	P2E0022
Barium	**25**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 2:43**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 2:43	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 2:43	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 15:53	LTB	P2E0022
Selenium	**1.9**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 2:43**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 2:43	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 17:50	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 23:04	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 23:04	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 23:04	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 23:04	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 23:04	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 23:04	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 23:04	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 23:04	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 23:04	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 23:04	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 23:04	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:04	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 23:04	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/9/12 23:04	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 23:04	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/9/12 23:04	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:04	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 23:04	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 23:04	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 23:04	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 23:04	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 23:04	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 23:04	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:04	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 23:04	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 23:04	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 23:04	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 23:04	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 23:04	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:04	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 23:04	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW2
Prism Sample ID: 2050008-07
Prism Work Order: 2050008
Time Collected: 04/26/12 11:55
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 23:04	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 23:04	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 23:04	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 23:04	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 23:04	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 23:04	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 23:04	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 23:04	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 23:04	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 23:04	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 23:04	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 23:04	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 23:04	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 23:04	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 23:04	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 23:04	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 23:04	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 23:04	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 23:04	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 2050008-08
Prism Work Order: 2050008
Time Collected: 04/26/12 12:05
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:09	LTB	P2E0022
Barium	**24**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 3:09**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:09	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:09	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:19	LTB	P2E0022
Selenium	**3.0**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 3:09**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:09	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 17:54	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/9/12 23:33	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/9/12 23:33	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/9/12 23:33	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/9/12 23:33	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/9/12 23:33	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/9/12 23:33	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 23:33	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/9/12 23:33	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 23:33	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 23:33	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/9/12 23:33	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:33	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/9/12 23:33	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/9/12 23:33	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/9/12 23:33	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/9/12 23:33	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:33	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/9/12 23:33	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/9/12 23:33	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/9/12 23:33	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/9/12 23:33	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 23:33	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/9/12 23:33	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:33	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/9/12 23:33	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/9/12 23:33	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/9/12 23:33	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/9/12 23:33	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/9/12 23:33	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/9/12 23:33	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/9/12 23:33	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-SW1
Prism Sample ID: 2050008-08
Prism Work Order: 2050008
Time Collected: 04/26/12 12:05
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/9/12 23:33	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/9/12 23:33	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/9/12 23:33	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/9/12 23:33	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/9/12 23:33	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/9/12 23:33	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/9/12 23:33	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/9/12 23:33	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/9/12 23:33	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/9/12 23:33	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/9/12 23:33	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/9/12 23:33	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/9/12 23:33	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/9/12 23:33	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/9/12 23:33	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/9/12 23:33	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/9/12 23:33	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/9/12 23:33	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/9/12 23:33	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*113 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 2050008-09
Prism Work Order: 2050008
Time Collected: 04/26/12 12:45
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**1.3**	**ug/L**	**1.0**	**0.12**	**1**	***6020A**	**5/9/12 3:00**	**LTB**	**P2E0022**
Barium	**32**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 3:00**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:00	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:00	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:10	LTB	P2E0022
Selenium	**5.1**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 3:00**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:00	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 18:05	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/10/12 0:02	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/10/12 0:02	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/10/12 0:02	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/10/12 0:02	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/10/12 0:02	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/10/12 0:02	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 0:02	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/10/12 0:02	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 0:02	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 0:02	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 0:02	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:02	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/10/12 0:02	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/10/12 0:02	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/10/12 0:02	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/10/12 0:02	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:02	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/10/12 0:02	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/10/12 0:02	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/10/12 0:02	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/10/12 0:02	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 0:02	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/10/12 0:02	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:02	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/10/12 0:02	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/10/12 0:02	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 0:02	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/10/12 0:02	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/10/12 0:02	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:02	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/10/12 0:02	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW5
Prism Sample ID: 2050008-09
Prism Work Order: 2050008
Time Collected: 04/26/12 12:45
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 0:02	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/10/12 0:02	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/10/12 0:02	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/10/12 0:02	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/10/12 0:02	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/10/12 0:02	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/10/12 0:02	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/10/12 0:02	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/10/12 0:02	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/10/12 0:02	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/10/12 0:02	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 0:02	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/10/12 0:02	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/10/12 0:02	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/10/12 0:02	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/10/12 0:02	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/10/12 0:02	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/10/12 0:02	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/10/12 0:02	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*98 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 2050008-10
Prism Work Order: 2050008
Time Collected: 04/26/12 13:35
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**2.2**	**ug/L**	**1.0**	**0.12**	**1**	***6020A**	**5/9/12 3:18**	**LTB**	**P2E0022**
Barium	**28**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 3:18**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:18	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:18	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:27	LTB	P2E0022
Selenium	**6.6**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 3:18**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:18	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 18:09	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/10/12 0:31	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/10/12 0:31	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/10/12 0:31	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/10/12 0:31	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/10/12 0:31	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/10/12 0:31	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 0:31	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/10/12 0:31	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 0:31	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 0:31	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 0:31	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:31	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/10/12 0:31	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/10/12 0:31	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/10/12 0:31	MGB	P2E0185
Benzene	**0.26 J**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**5/10/12 0:31**	**MGB**	**P2E0185**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:31	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/10/12 0:31	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/10/12 0:31	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/10/12 0:31	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/10/12 0:31	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 0:31	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/10/12 0:31	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:31	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/10/12 0:31	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/10/12 0:31	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 0:31	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/10/12 0:31	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/10/12 0:31	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 0:31	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/10/12 0:31	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW6
Prism Sample ID: 2050008-10
Prism Work Order: 2050008
Time Collected: 04/26/12 13:35
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 0:31	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/10/12 0:31	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/10/12 0:31	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/10/12 0:31	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/10/12 0:31	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/10/12 0:31	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/10/12 0:31	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/10/12 0:31	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/10/12 0:31	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/10/12 0:31	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/10/12 0:31	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 0:31	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/10/12 0:31	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/10/12 0:31	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/10/12 0:31	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/10/12 0:31	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/10/12 0:31	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/10/12 0:31	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/10/12 0:31	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*112 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*96 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 2050008-11
Prism Work Order: 2050008
Time Collected: 04/26/12 14:30
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**1.8**	**ug/L**	**1.0**	**0.12**	**1**	***6020A**	**5/9/12 1:56**	**LTB**	**P2E0022**
Barium	**65**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 1:56**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 1:56	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 1:56	LTB	P2E0022
Lead	**2.5**	**ug/L**	**1.0**	**0.13**	**1**	***6020A**	**5/10/12 15:05**	**LTB**	**P2E0022**
Selenium	**5.1**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 1:56**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 1:56	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 18:13	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/10/12 1:00	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/10/12 1:00	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/10/12 1:00	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/10/12 1:00	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/10/12 1:00	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/10/12 1:00	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 1:00	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/10/12 1:00	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 1:00	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 1:00	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 1:00	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:00	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/10/12 1:00	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/10/12 1:00	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/10/12 1:00	MGB	P2E0185
Benzene	**0.68**	**ug/L**	**0.50**	**0.072**	**1**	**8260B**	**5/10/12 1:00**	**MGB**	**P2E0185**
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:00	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/10/12 1:00	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/10/12 1:00	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/10/12 1:00	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/10/12 1:00	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 1:00	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/10/12 1:00	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:00	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/10/12 1:00	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/10/12 1:00	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 1:00	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/10/12 1:00	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/10/12 1:00	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:00	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/10/12 1:00	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW7
Prism Sample ID: 2050008-11
Prism Work Order: 2050008
Time Collected: 04/26/12 14:30
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 1:00	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/10/12 1:00	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/10/12 1:00	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/10/12 1:00	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/10/12 1:00	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/10/12 1:00	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/10/12 1:00	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/10/12 1:00	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/10/12 1:00	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/10/12 1:00	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/10/12 1:00	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 1:00	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/10/12 1:00	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/10/12 1:00	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/10/12 1:00	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/10/12 1:00	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/10/12 1:00	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/10/12 1:00	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/10/12 1:00	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*114 %*	*80-124*
Dibromofluoromethane	*96 %*	*75-129*
Toluene-d8	*97 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 2050008-12
Prism Work Order: 2050008
Time Collected: 04/26/12 15:25
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:05	LTB	P2E0022
Barium	**95**	**ug/L**	**5.0**	**0.19**	**1**	***6020A**	**5/9/12 3:05**	**LTB**	**P2E0022**
Cadmium	BRL	ug/L	1.0	0.20	1	*6020A	5/9/12 3:05	LTB	P2E0022
Chromium	BRL	ug/L	1.0	0.12	1	*6020A	5/9/12 3:05	LTB	P2E0022
Lead	BRL	ug/L	1.0	0.13	1	*6020A	5/10/12 16:14	LTB	P2E0022
Selenium	**3.3**	**ug/L**	**1.0**	**0.44**	**1**	***6020A**	**5/9/12 3:05**	**LTB**	**P2E0022**
Silver	BRL	ug/L	1.0	0.059	1	*6020A	5/9/12 3:05	LTB	P2E0022
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	*7470A	5/7/12 18:17	MEH	P2E0131
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/10/12 1:29	MGB	P2E0185
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/10/12 1:29	MGB	P2E0185
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/10/12 1:29	MGB	P2E0185
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/10/12 1:29	MGB	P2E0185
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/10/12 1:29	MGB	P2E0185
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/10/12 1:29	MGB	P2E0185
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 1:29	MGB	P2E0185
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/10/12 1:29	MGB	P2E0185
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 1:29	MGB	P2E0185
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 1:29	MGB	P2E0185
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/10/12 1:29	MGB	P2E0185
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:29	MGB	P2E0185
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/10/12 1:29	MGB	P2E0185
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/10/12 1:29	MGB	P2E0185
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/10/12 1:29	MGB	P2E0185
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/10/12 1:29	MGB	P2E0185
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:29	MGB	P2E0185
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/10/12 1:29	MGB	P2E0185
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/10/12 1:29	MGB	P2E0185
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/10/12 1:29	MGB	P2E0185
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/10/12 1:29	MGB	P2E0185
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 1:29	MGB	P2E0185
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/10/12 1:29	MGB	P2E0185
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:29	MGB	P2E0185
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/10/12 1:29	MGB	P2E0185
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/10/12 1:29	MGB	P2E0185
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/10/12 1:29	MGB	P2E0185
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/10/12 1:29	MGB	P2E0185
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/10/12 1:29	MGB	P2E0185
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/10/12 1:29	MGB	P2E0185
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/10/12 1:29	MGB	P2E0185

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No.: 43-04
Sample Matrix: Water

Client Sample ID: 4304-MW2
Prism Sample ID: 2050008-12
Prism Work Order: 2050008
Time Collected: 04/26/12 15:25
Time Submitted: 04/27/12 18:05

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/10/12 1:29	MGB	P2E0185
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/10/12 1:29	MGB	P2E0185
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/10/12 1:29	MGB	P2E0185
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	5/10/12 1:29	MGB	P2E0185
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/10/12 1:29	MGB	P2E0185
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/10/12 1:29	MGB	P2E0185
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/10/12 1:29	MGB	P2E0185
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/10/12 1:29	MGB	P2E0185
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/10/12 1:29	MGB	P2E0185
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	5/10/12 1:29	MGB	P2E0185
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/10/12 1:29	MGB	P2E0185
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/10/12 1:29	MGB	P2E0185
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/10/12 1:29	MGB	P2E0185
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	5/10/12 1:29	MGB	P2E0185
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/10/12 1:29	MGB	P2E0185
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/10/12 1:29	MGB	P2E0185
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/10/12 1:29	MGB	P2E0185
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/10/12 1:29	MGB	P2E0185
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	5/10/12 1:29	MGB	P2E0185

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*111 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*97 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050008
Time Submitted: 4/27/2012 6:05:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0185 - 5030B										
Blank (P2E0185-BLK1)				Prepared & Analyzed: 05/09/12						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Iodide	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
o-Xylene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Tetrahydrofuran	BRL	10	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
trans-1,4-Dichloro-2-butene	BRL	10	ug/L							
Trichloroethylene	BRL	0.50	ug/L							

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050008
Time Submitted: 4/27/2012 6:05:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0185 - 5030B										
Blank (P2E0185-BLK1)				Prepared & Analyzed: 05/09/12						
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*28.2*		*ug/L*	*25.00*		*113*	*80-124*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.00*		*97*	*75-129*			
Surrogate: Toluene-d8	*23.9*		*ug/L*	*25.00*		*96*	*77-123*			
LCS (P2E0185-BS1)				Prepared & Analyzed: 05/09/12						
1,1-Dichloroethylene	19.1	0.50	ug/L	20.00		95	70-154			
Benzene	19.4	0.50	ug/L	20.00		97	77-128			
Chlorobenzene	17.8	0.50	ug/L	20.00		89	78-119			
Tetrahydrofuran	18.3	10	ug/L	20.00		92	70-130			
Toluene	18.9	0.50	ug/L	20.00		94	76-131			
Trichloroethylene	17.3	0.50	ug/L	20.00		87	77-133			
Surrogate: 4-Bromofluorobenzene	*26.2*		*ug/L*	*25.00*		*105*	*80-124*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/L*	*25.00*		*99*	*75-129*			
Surrogate: Toluene-d8	*23.8*		*ug/L*	*25.00*		*95*	*77-123*			
LCS Dup (P2E0185-BSD1)				Prepared & Analyzed: 05/09/12						
1,1-Dichloroethylene	19.9	0.50	ug/L	20.00		99	70-154	4	200	
Benzene	20.5	0.50	ug/L	20.00		103	77-128	5	200	
Chlorobenzene	18.8	0.50	ug/L	20.00		94	78-119	5	200	
Tetrahydrofuran	19.0	10	ug/L	20.00		95	70-130	4	200	
Toluene	19.8	0.50	ug/L	20.00		99	76-131	5	200	
Trichloroethylene	18.3	0.50	ug/L	20.00		92	77-133	6	200	
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/L*	*25.00*		*107*	*80-124*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*75-129*			
Surrogate: Toluene-d8	*24.0*		*ug/L*	*25.00*		*96*	*77-123*			

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050008
Time Submitted: 4/27/2012 6:05:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0185 - 5030B										
Matrix Spike (P2E0185-MS1)		**Source: 2050008-08**		Prepared & Analyzed: 05/09/12						
1,1-Dichloroethylene	184	5.0	ug/L	200.0	BRL	92	65-162			
Benzene	194	5.0	ug/L	200.0	BRL	97	73-131			
Chlorobenzene	180	5.0	ug/L	200.0	BRL	90	76-119			
Tetrahydrofuran	183	100	ug/L	200.0	BRL	91	70-130			
Toluene	186	5.0	ug/L	200.0	BRL	93	72-135			
Trichloroethylene	170	5.0	ug/L	200.0	BRL	85	72-133			
Surrogate: 4-Bromofluorobenzene	*26.6*		*ug/L*	*25.00*		*106*	*80-124*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*75-129*			
Surrogate: Toluene-d8	*23.9*		*ug/L*	*25.00*		*96*	*77-123*			
Matrix Spike Dup (P2E0185-MSD1)		**Source: 2050008-08**		Prepared & Analyzed: 05/09/12						
1,1-Dichloroethylene	189	5.0	ug/L	200.0	BRL	94	65-162	2	20	
Benzene	199	5.0	ug/L	200.0	BRL	99	73-131	2	17	
Chlorobenzene	186	5.0	ug/L	200.0	BRL	93	76-119	3	20	
Tetrahydrofuran	184	100	ug/L	200.0	BRL	92	70-130	0.5	20	
Toluene	194	5.0	ug/L	200.0	BRL	97	72-135	4	18	
Trichloroethylene	179	5.0	ug/L	200.0	BRL	90	72-133	5	17	
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/L*	*25.00*		*107*	*80-124*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/L*	*25.00*		*98*	*75-129*			
Surrogate: Toluene-d8	*23.8*		*ug/L*	*25.00*		*95*	*77-123*			

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050008
Time Submitted: 4/27/2012 6:05:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0131 - 7470A										
Blank (P2E0131-BLK1)				Prepared & Analyzed: 05/07/12						
Mercury	BRL	0.20	ug/L							
LCS (P2E0131-BS1)				Prepared & Analyzed: 05/07/12						
Mercury	9.56	0.20	ug/L	9.375		102	80-120			

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Brian S. Boutin, PG
Attn: Brian S. Boutin
11112 Branding Iron Place
Wendell, NC 27591

Project: Central Carolina Tire

Project No: 43-04

Prism Work Order: 2050008
Time Submitted: 4/27/2012 6:05:00PM

3030C Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0022 - SM3030 C										
Blank (P2E0022-BLK1)				Prepared: 04/28/12		Analyzed: 05/09/12				
Arsenic	BRL	1.0	ug/L							
Barium	BRL	5.0	ug/L							
Cadmium	BRL	1.0	ug/L							
Chromium	BRL	1.0	ug/L							
Lead	BRL	1.0	ug/L							
Selenium	BRL	1.0	ug/L							
Silver	BRL	1.0	ug/L							
LCS (P2E0022-BS1)				Prepared: 04/28/12		Analyzed: 05/09/12				
Arsenic	248	1.0	ug/L	250.0		99	80-120			
Barium	237	5.0	ug/L	250.0		95	80-120			
Cadmium	258	1.0	ug/L	250.0		103	80-120			
Chromium	252	1.0	ug/L	250.0		101	80-120			
Lead	237	1.0	ug/L	250.0		95	80-120			
Selenium	258	1.0	ug/L	250.0		103	80-120			
Silver	243	1.0	ug/L	250.0		97	80-120			
Matrix Spike (P2E0022-MS1)		**Source: 2050008-11**		Prepared: 04/28/12		Analyzed: 05/09/12				
Arsenic	235	1.0	ug/L	250.0	1.83	93	75-125			
Barium	303	5.0	ug/L	250.0	65.4	95	75-125			
Cadmium	247	1.0	ug/L	250.0	0.613	99	75-125			
Chromium	244	1.0	ug/L	250.0	BRL	98	75-125			
Lead	241	1.0	ug/L	250.0	2.54	95	75-125			
Selenium	238	1.0	ug/L	250.0	5.14	93	75-125			
Silver	229	1.0	ug/L	250.0	0.129	92	75-125			
Matrix Spike Dup (P2E0022-MSD1)		**Source: 2050008-11**		Prepared: 04/28/12		Analyzed: 05/09/12				
Arsenic	242	1.0	ug/L	250.0	1.83	96	75-125	3	20	
Barium	311	5.0	ug/L	250.0	65.4	98	75-125	3	20	
Cadmium	259	1.0	ug/L	250.0	0.613	103	75-125	5	20	
Chromium	253	1.0	ug/L	250.0	BRL	101	75-125	3	20	
Lead	249	1.0	ug/L	250.0	2.54	98	75-125	3	20	
Selenium	246	1.0	ug/L	250.0	5.14	96	75-125	3	20	
Silver	243	1.0	ug/L	250.0	0.129	97	75-125	6	20	

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Sample Extraction Data

Prep Method: SM3030 C

Lab Number	Batch	Initial	Final	Date/Time
2050008-02	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-02	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-03	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-03	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-04	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-04	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-05	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-05	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-06	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-06	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-07	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-07	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-08	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-08	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-09	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-09	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-10	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-10	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-11	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-11	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-12	P2E0022	50 mL	50 mL	04/28/12 10:00
2050008-12	P2E0022	50 mL	50 mL	04/28/12 10:00

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
2050008-02	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-03	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-04	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-05	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-06	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-07	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-08	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-09	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-10	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-11	P2E0131	20 mL	30 mL	05/07/12 10:30
2050008-12	P2E0131	20 mL	30 mL	05/07/12 10:30

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
2050008-01	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-02	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-03	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-04	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-05	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-06	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-07	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-08	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-09	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-10	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-11	P2E0185	10 mL	10 mL	05/09/12 14:47
2050008-12	P2E0185	10 mL	10 mL	05/09/12 14:47

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: BSB, P.G.
Report To/Contact Name: Brian Boulton
Reporting Address: 11112 Branding Iron Place
Wendell, NC
Phone: 919-366-3663 Fax (Yes) (No): _____
Email (Yes) (No) Email Address _____
EDD Type: PDF X Excel ___ Other _____
Site Location Name: CC Tire
Site Location Physical Address: Permit #4304

Project Name: C.C. Tire
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: BSB, PG
Address: Same

Purchase Order No./Billing Reference _____
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 0.2	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ USACE ___ FL ___ NC X
SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO X
Sample Iced Upon Collection: YES X NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	App I VOCs	RCRA metals 2032L					REMARKS	PRISM LAB ID NO.
TRIPBlank	—	—	WT	voa	2	40ml	HCL	2							Ø1
4304-EB01	4/26/12	0835	WT	voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø2
4304-MW9	4/26/12	0910	WT	voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø3
4304-MW8	4/26/12	1005	WT	Voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø4
4304-MW4	4/26/12	1055	WT	voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø5
4304-MW3	4/26/12	1140	WT	voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø6
4304-SW2	4/26/12	1155	WT	Voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø7
4304-SW1	4/26/12	1205	WT	Voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø8
4304-MW5	4/26/12	1245	WT	Voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						Ø9
4304-MW6	4/26/12	1335	WT	Voa/P	3/1	40ml/250ml	HCL/HNO3	3	1						1Ø

Sampler's Signature [signature] Sampled By (Print Name) Aaron Hill Affiliation EFM

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	4/27/12	14:20
Relinquished By: (Signature) [signature]	Received By: (Signature)	4/27/12	18:05
Relinquished By: (Signature)	Received For Prism Laboratories By: [signature]	4/27/12	1805

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ FedEx ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____

COC Group No. 2ØSØØØ8

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics

SEE REVERSE FOR TERMS & CONDITIONS

CHAIN OF CUSTODY RECORD

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PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: C.C. Tire LF

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements

Invoice To: BSB PG

Address: Same

Client Company Name: BSB PG

Report To/Contact Name: Brian Bautin

Reporting Address: 1112 Branding Iron Place Wendell, NC

Phone: 919-366-3663 Fax (Yes) (No): _____

Email (Yes) (No) Email Address _____

EDD Type: PDF X Excel ___ Other _____

Site Location Name: CC Tire LF

Site Location Physical Address: Permit # 4304

Purchase Order No./Billing Reference _____

Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days

"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved

Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 0.2	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC ___ USACE ___ FL ___ NC X
SC ___ OTHER ___ N/A ___

Water Chlorinated: YES ___ NO X

Sample Iced Upon Collection: YES X NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: API	VOCs	RCRA metals	3630C					REMARKS	PRISM LAB ID NO.
4304-MW7	4/26/12	~~OUT~~ 1430	WT	Voa/P	3/1	40 ml/250 ml	HCL/HNO3	3	1								11
4304-MW2	4/26/12	~~OUT~~ 1525	WT	Voa/P	3/1	40 ml/250 ml	HCL/HNO3	3	1								12

Sampler's Signature [signature] Sampled By (Print Name) Aaron Hill Affiliation RFM

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Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	4/27/12	14:20
Relinquished By: (Signature) [signature]	Received By: (Signature)	4/27/12	18:05
Relinquished By: (Signature)	Received For Prism Laboratories By: [signature]	4/27/12	1805

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other _____

COC Group No. 20S0008

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

CODES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC

CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)