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 Phase 3	1616 McKoy Town Road Cameron, NC 28326	43.04	.0500	October 3, 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

November 29, 2012 — Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1208 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

October 29, 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: October 2012
Central Carolina Tire Monofill Landfill Phase III
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**) in October 2012. The scope of work performed included sampling and laboratory analysis of groundwater samples from eight on-site monitoring wells (MW-10 through MW-14 and MW-16 through MW-18) and one surface water sample (SW-1 (EXP)). It is noted that monitoring well MW-17 was abandoned on August 30, 2011 and replaced with monitoring well MW-17AR in accordance with the facility *Water Quality Monitoring Plan* submitted as part of the *Application for Permit Amendment 5-Year Phase (2011-2016)* prepared by Garrett & Moore, Inc. The *Water Quality Monitoring Plan* was approved by the NCDENR, Division of Waste Management (DWM), Solid Waste Section (SWS) in a letter to Central Carolina Tire Holdings, LLC dated August 10, 2011. The groundwater and surface water samples were collected in accordance with the NCDENR, DWM, SWS Groundwater Monitoring Guidance Document and the facility Water Quality Monitoring Plan. The sampling and data collection methods, as well as the current and historical results of field and laboratory testing of the water samples, are presented in the following sections.

1.0 POTENTIOMETRIC PATTERN AND GROUNDWATER FLOW

Groundwater levels were gauged in the site groundwater monitoring wells on October 3, 2012 as part of the site monitoring. Depths to groundwater were measured using an electronic interface

11112 BRANDING IRON PLACE, WENDELL, NC 27591
919-366-3663 Office ● 919-995-0363 Cell ● bboutinpg@bellsouth.net

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 period of time to allow water levels to equilibrate with atmospheric pressure. The locations of the site monitoring wells are depicted in **Figure 2**. Groundwater elevation data collected at the monitoring wells on October 3, 2012 are presented in **Table 1**. The depth to groundwater across the site, as measured in the Type II groundwater-monitoring wells on October 3, 2012, ranged from 2.65 feet (MW-12) to 18.84 feet (MW-16) below grade, which is consistent with the surface topography.

A water-table elevation contour map that was developed based on the October 3, 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 southeast, which is consistent with the surface topography and drainage features at the site. The hydraulic gradient of the water table across the site, based on the data depicted in **Figure 3**, varies from approximately 0.003 ft/ft in the northern part of the site to 0.012 ft/ft in the southeastern part of the site.

2.0 RESULTS OF GROUNDWATER AND SURFACE WATER SAMPLING AND ANALYSIS

Groundwater samples were collected from the site monitoring wells and a surface water sample was collected from the on-site location on October 3, 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-10 serves as the upgradient, natural background well for the facility, and monitoring wells MW-11 through MW-14 and MW-16 through MW-18 serve as the downgradient monitoring wells. All reusable sampling equipment was properly decontaminated between sampling locations with a non-phosphate soap and water wash, followed by multiple rinses with distilled water. New disposable nitrile or latex gloves were worn during all sampling activities. Disposable sampling equipment/material was discarded after each use.

Prior to groundwater sampling, 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

11112 BRANDING IRON PLACE, WENDELL, NC 27591
919-366-3663 Office ● 919-995-0363 Cell ● bboutinpg@bellsouth.net

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 slightly acidic based on the pH values measured in the field (3.14 to 5.39). Specific conductance values ranged from 20 (MW-13) to 440 (MW-10) μS/cm in groundwater. Turbidity values ranged from 4.3 (MW-16) to 30.4 (MW-12) NTUs.

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

All groundwater and surface water samples were analyzed at a North Carolina-certified laboratory for Appendix I volatile organic compounds (VOCs) by SW 846 Method 8260 and the 8 RCRA metals by EPA 6000/7000 series methods. Summarized results of laboratory analyses for groundwater and surface water samples collected from the site on October 3, 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 the surface water sample (SW-1 (EXP)) collected from the site on October 3, 2012 indicate that no Appendix I VOCs were reported in the sample. Low levels of barium, chromium, lead, and selenium were reported in surface water sample SW-1 (EXP), however, the reported concentrations were well below the corresponding 15A NCAC 2L groundwater quality standards and the 15A NCAC 2B surface water standards applicable to the site. It is also noted that chromium was reported in an associated laboratory blank sample at a similar concentration as reported in the surface water sample.

The laboratory analytical results for the groundwater samples collected from the site monitoring wells in October 2012 indicate that no Appendix I VOCs were reported in any of the groundwater samples. The results of the metals analyses of the groundwater samples indicate that arsenic was reported in five of the samples, barium, chromium and lead were reported in all of the samples, cadmium was reported in one of the samples, and selenium was reported in four

11112 BRANDING IRON PLACE, WENDELL, NC 27591
919-366-3663 Office ● 919-995-0363 Cell ● bboutinpg@bellsouth.net

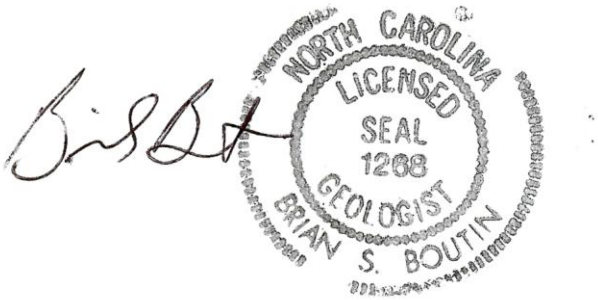
of the eight samples. None of the concentrations of metals reported in any of the groundwater samples exceed the corresponding 15A NCAC 2L .0202 groundwater quality standards. It is noted that chromium was reported in an associated laboratory blank sample at a similar concentration as reported in the groundwater samples.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The results of the October 2012 groundwater and surface water quality monitoring conducted at the Central Carolina Tire Monofill Landfill are generally consistent with the results of previous monitoring conducted at the site. No volatile organic compounds or metals were reported in any of the groundwater and surface water samples at concentrations that exceed the 15A NCAC 2L .0202 groundwater quality standards or the 15A NCAC 2B surface water quality standards.

If you have any questions or require further assistance regarding this report, please call me at 919-995-0363. The next water quality monitoring event for the Central Carolina Tire Monofill Landfill is scheduled for April 2013.

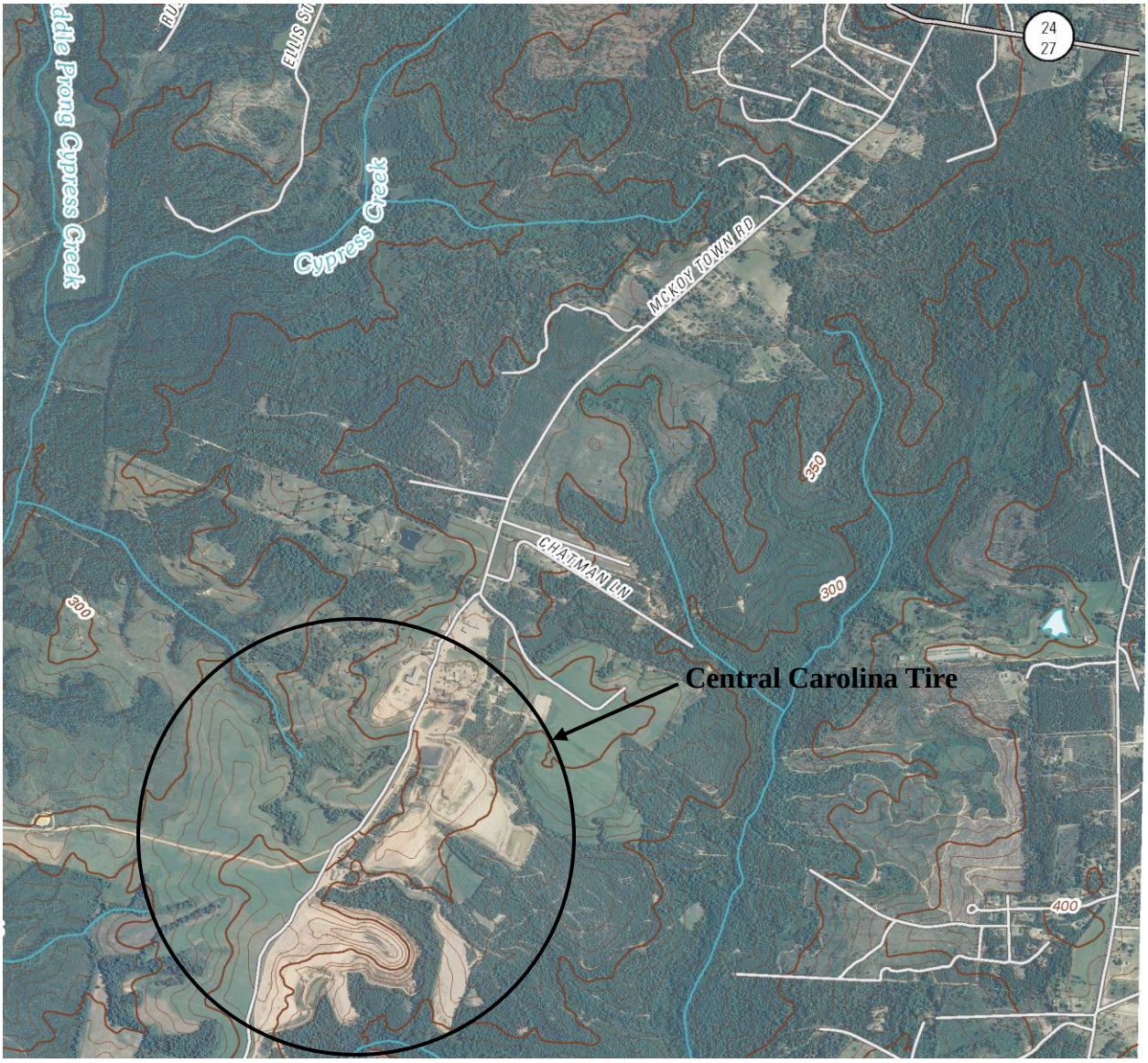
Sincerely,



Brian S. Boutin, P.G.
Consulting Geologist

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

11112 BRANDING IRON PLACE, WENDELL, NC 27591
919-366-3663 Office ● 919-995-0363 Cell ● bboutinpg@bellsouth.net



N

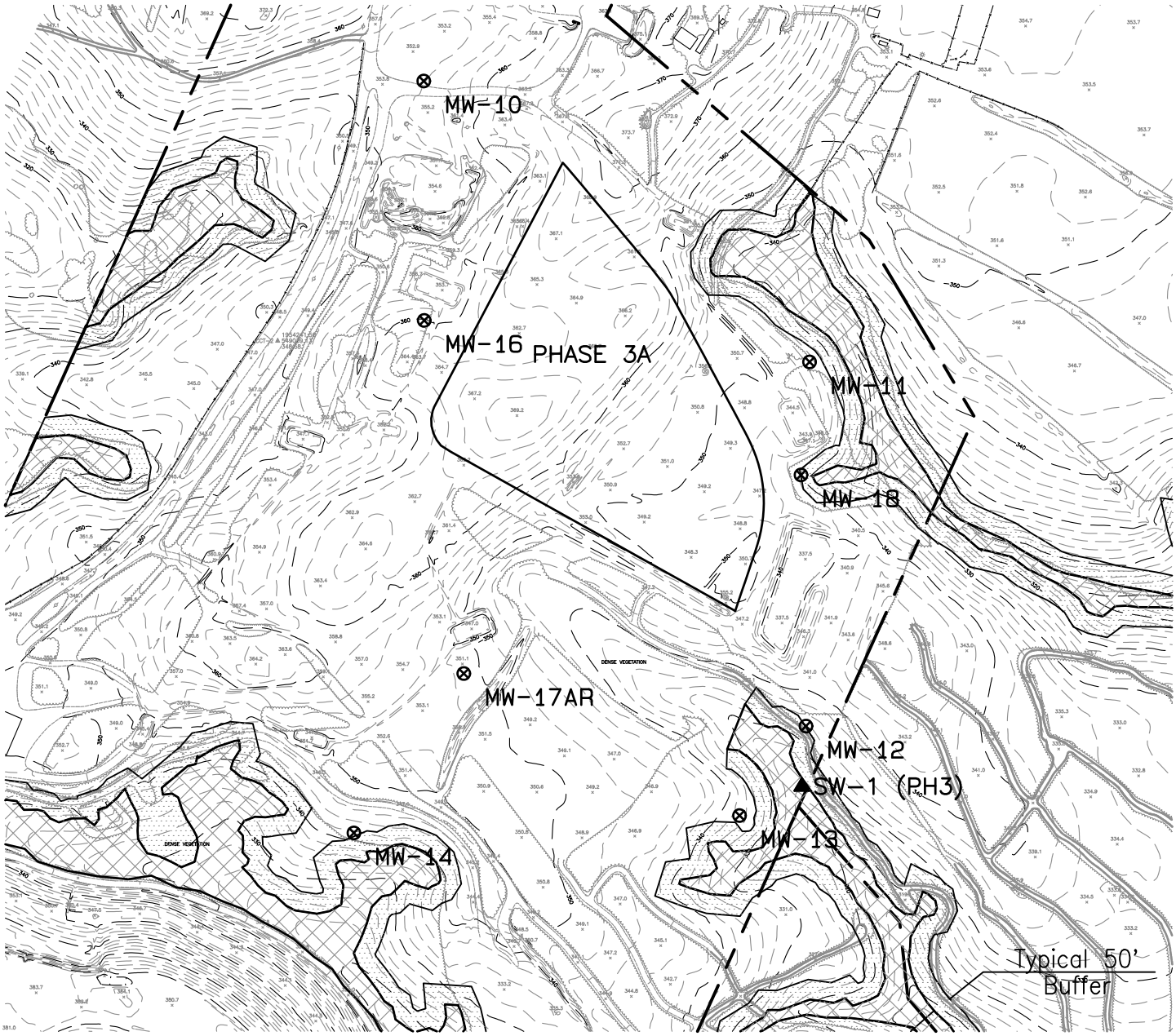
Source: USGS 7.5' Topographic Quadrangle Series
Murchisontown, NC 2010

Nautilus Geologic Consulting, PLLC
11112 Branding Iron Place
Wendell, NC 27591
Office: (919) 366-3663
Cell: (919) 995-0363

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-6 GROUNDWATER MONITORING WELL

▲ SW-1 SURFACE WATER MONITORING LOCATION

WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

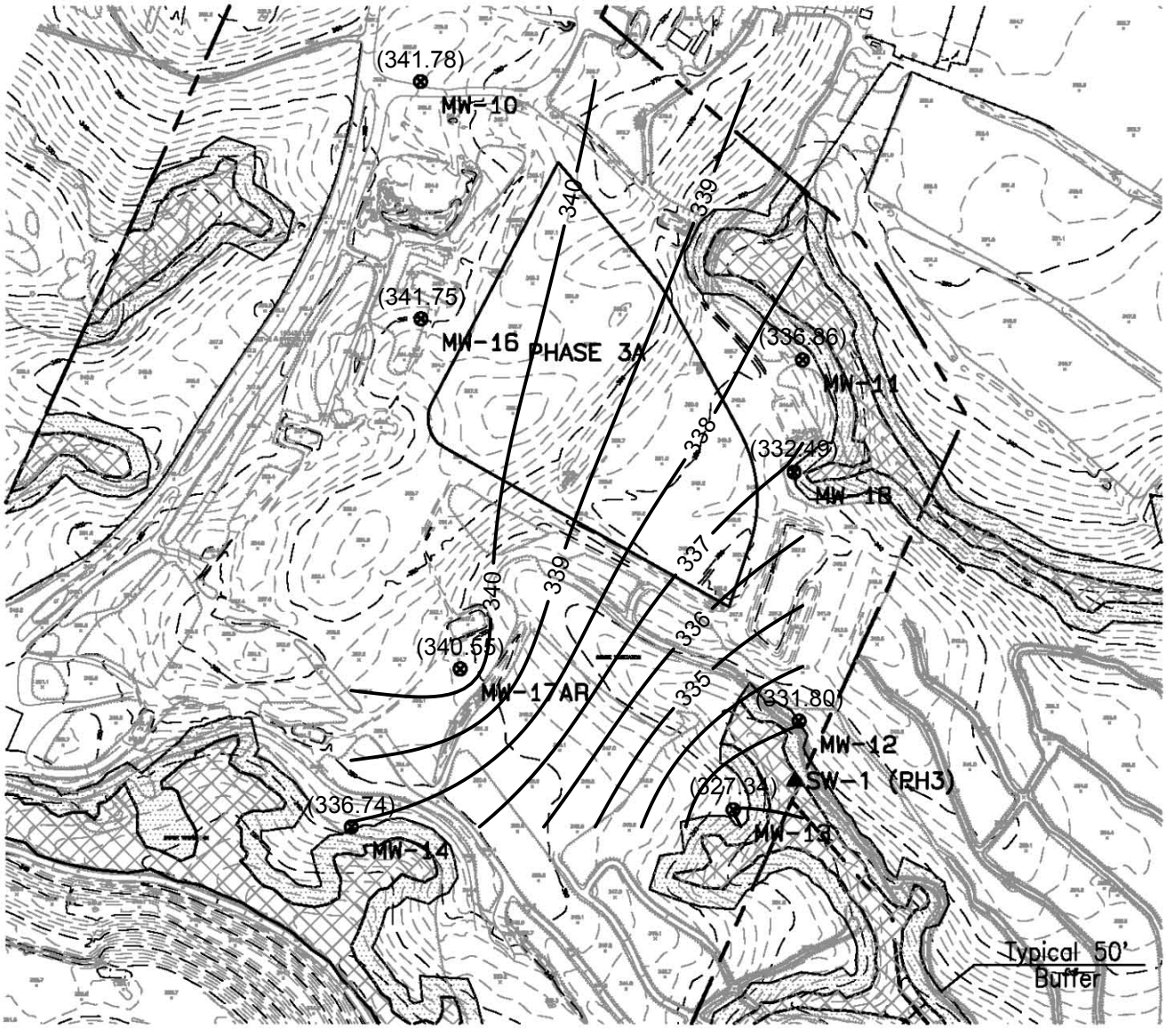
Nautilus Geologic Consulting, PLLC

CENTRAL CAROLINA TIRE PHASE 3 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 3\PHS 3 GW EVENT 10-11.pro
Thu Dec 1, 2011 10:35:14AM



LEGEND

MW-6	GROUNDWATER MONITORING WELL
SW-1	SURFACE WATER MONITORING LOCATION
330	Groundwater Elevation Contour (ft. msl)
(337.24)	Groundwater Elevation (ft. msl)
	WETLANDS

-N-

GRAPHIC SCALE 1"=400'

0 400 800 1200

Nautilus Geologic Consulting, PLLC

Central Carolina Tire Phase III
Water Table Elevation Contour Map
October 3, 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 3\PHS 3 GW EVENT 10-11.pro
Thu Dec 1, 2011 10:35:14AM

Table 1
Monitoring Well and Groundwater Data
October 2012 Sampling Event
October 3, 2012
Central Carolina Tire Monofill Landfill Phase III
Harnett County, North Carolina
Permit # 43-04

Well Identity	Well Depth (Feet BTOC)	Well Diameter (Inches)	Top of Casing Elevation (Feet MSL)	Ground Surface Elevation (Feet MSL)	Depth to Groundwater (Feet BTOC)	Groundwater Elevation (Feet MSL)	Field Parameters			
							Temp. C^{o}	pH	S.C. umhos/cm	Turbidity (ntu)
MW-10	27.0	2.0	356.28	353.74	14.50	341.78	22.3	5.39	440	4.6
MW-11	23.8	2.0	347.80	345.70	10.94	336.86	21.6	4.55	24	8.7
MW-12	21.6	2.0	336.58	334.45	4.78	331.80	23.7	3.14	22	30.4
MW-13	20.6	2.0	339.47	337.36	12.13	327.34	22.7	4.81	20	4.6
MW-14	12.6	2.0	344.12	341.86	7.38	336.74	23.8	4.33	68	7.7
MW-16	28.9	2.0	362.53	360.59	20.78	341.75	22.3	4.51	27	4.3
MW-17AR	20.0	2.0	352.99	350.70	12.44	340.55	17.9	3.98	55	9.7
MW-18	14.8	2.0	344.71	342.45	12.22	332.49	22.4	4.77	59	9.1

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

Table 2
Laboratory Results for Surface Water and Groundwater Samples
October 2012 Sampling Event
October 3, 2012
Central Carolina Tire Monofill Landfill Phase III, Harnett County, NC
Permit # 43-04

ORGANIC CONSTITUENTS (ug/L)	SW-1 (EXP)	MW-10	MW-11	MW-12	MW-13	MW-14	MW-16	MW-17AR	MW-18	GWP Std (ug/L)	NCAC 2L STD (ug/L)
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	6000
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	1
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	NE
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
Bromoform (Tribromoethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	4
Bromomethane (Methyl Bromide)	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	NE	4000
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	700
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.3
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	50
Chloroethane (Ethyl Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3000
Chloroform (Trichloromethane)	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	NE	0.04
Dibromochloromethane (Chlorodibromomethane)	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	NE	0.02
Dibromomethane (Methylene Bromide)	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	NE	20
1,3-Dichlorobenzene (M-Dichlorobenzene)	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	NE	6
Trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	6
1,2-Dichloroethane (Ethylene Dichloride)	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	NE	7
1,2-Dichloroethene (cis and trans isomers)	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	60
1,2-Dichloropropane (Propylene Dichloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.6
1,1-Dichloropropene	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	NE	0.4
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	600
Iodomethane (Methyl Iodide)	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	NE	280
Methyl Chloride (Chloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	3
Methylene Chloride (Dichloromethane)	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	560	NE
Styrene	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	1	1
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.18	0.2
Tetrachloroethene (Tetrachloroethylene), (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.7
Toluene	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	NE	200
1,1,2-Trichloroethane	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	NE	3
Trichlorofluoromethane (CFC-11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	2000
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.005
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	88	88
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	0.03
Total Xylenes	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	1.9	ND	ND	0.60 J	0.30 J	0.41 J	ND	0.60 J	NE	10
Barium	21	17	28	13	6.0	100	31	120	41	NE	700
Cadmium	ND	ND	ND	ND	ND	ND	ND	0.24 J	ND	NE	2
Chromium	4.7 B	2.7 B	2.8 B	3.6 B	2.6 B	2.4 B	2.5 B	2.6 B	2.5 B	NE	10
Lead	0.44 J	0.28 J	0.38 J	0.96 J	0.21 J	1.7	0.55 J	1.7	0.53 J	NE	15
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	1
Selenium	1.0	6.5	1.0	ND	ND	ND	0.69 J	0.72 J	0.75 J	NE	20
Silver	ND	0.18 J	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.

NE = No standard established.

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

Sampling Date:	2L Standard	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/26/2012	10/3/2012
Well No: **MW-10**														
Arsenic	**10**	3.7 J	3.09 JB	ND	ND	1.91 J	2.25 J	ND	ND	1.5 J	ND	ND	1.40	1.90
Barium	**700**	101	92.5 JB	78.0 J	39.2 JB	53.8 JB	63.3 JB	27.8 JB	22.0	0.17 J	32.0	25.0	33.0	17.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	ND	ND	ND	ND
Chromium	**10**	ND	6.02 JB	1.46 J	2.47 JB	1.45 JB	3.01 JB	2.86 JB	0.55 J	ND	ND	8.4 BJ	ND	2.7 B
Lead	**15**	ND	1.30 J	5.11 J	4.90 J	ND	ND	ND	0.71 J	ND	ND	0.95 J	0.21 J	0.28 J
Mercury	**1**	ND	0.082 J	ND	ND	ND	0.281 J	ND	ND	ND	ND	0.019 J	ND	ND
Selenium	**20**	ND	8.40 J	ND	ND	ND	ND	ND	ND	10.00	ND	ND	7.20	6.50
Silver	**20**	ND	ND	ND	2.37 JB	3.41 JB	ND	ND	ND	ND	ND	0.45 J	ND	0.18 J
Acetone	**6000**	ND	ND	ND	1.83 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	**3**	ND	ND	ND	ND	ND	0.380 J	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	5.54	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/26/2012	10/3/2012
Well No: **MW-11**														
Arsenic	**10**	2.2 J	1.54 JB	2.59 J	ND	ND	2.43 J	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	86	23.7 JB	19.5 J	55.1 JB	44.6 JB	60.5 JB	29.6 JB	65.0	51.0	33.0	25.0	27.0	28.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	**2.1**	**ND**	**0.27 J**	ND	ND
Chromium	**10**	ND	6.00 JB	1.31 J	6.94 JB	1.35 JB	3.99 JB	3.42 JB	ND	1.5 J	ND	7.2 B	ND	2.8 B
Lead	**15**	ND	ND	ND	10.60	ND	5.01 JB	ND	ND	0.81 J	ND	0.89 J	0.30 J	0.38 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	2.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47 J	0.70 J	1.00
Silver	**20**	ND	ND	ND	2.03 JB	3.91 JB	1.49 JB	1.56 JB	ND	ND	ND	0.33 J	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	0.830 J	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/27/2012	10/3/2012
Well No: **MW-12**														
Arsenic	**10**	4.1 J	5.30 JB	ND	2.32 J	ND	3.00 J	ND	ND	ND	ND	0.12 J	0.38 J	ND
Barium	**700**	14	136 JB	97.8 J	46.2 JB	23.8 JB	56.2 JB	24.8 JB	5.7 J	11 J	14.0	16.0	15.0	13.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	**10**	ND	5.71 JB	3.04 J	11.6 B	3.25 JB	7.16 JB	4.08 JB	1.6 J	2 J	ND	5.60	ND	3.6 B
Lead	**15**	ND	15.00	ND	6.31 J	4.80 J	9.68 JB	ND	0.81 J	2 J	ND	0.62 J	0.64 J	0.96 J
Mercury	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	7.32 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	1.93 JB	4.01 JB	1.82 JB	ND	ND	ND	ND	ND	ND	ND
Chloroform	**70**	ND	ND	0.150 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	0.390 J	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	3.0	ND	ND	0.510 JB	0.510 JB	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/27/2012	10/3/2012
Well No: **MW-13**														
Arsenic	**10**	3.0 J	1.67 JB	3.79 J	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	0.60 J
Barium	**700**	5 J	9.75 JB	9.36 J	19.8 JB	14.9 JB	18.5 JB	8.7 JB	7.4 J	4.8 J	6.3 J	7.5	3.9 J	6.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	ND	ND	ND
Chromium	**10**	ND	6.07 JB	3.26 J	3.07 JB	ND	3.60 JB	3.05 JB	2.1 J	1.3 J	ND	3.6 B	ND	2.6 B
Lead	**15**	ND	3.25 J	ND	8.32 J	4.75 J	7.51 JB	ND	ND	ND	ND	0.41 J	0.24 J	0.21 J
Mercury	**1**	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
Silver	**20**	ND	ND	ND	2.88 JB	3.65 JB	1.12 JB	0.78 JB	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/26/2012	10/3/2012
Well No: **MW-14**														
Arsenic	**10**	2.4 J	0.57 JB	3.12 J	ND	ND	2.50 J	ND	ND	1.9 J	ND	ND	0.12 J	0.30 J
Barium	**700**	110	105 JB	113.0	180 B	185 B	177 B	159 B	130.0	91.0	110.0	87.0	110.0	100.0
Cadmium	**2**	ND	0.39 J	ND	ND	ND	ND	0.22 J	ND	0.34 J	ND	ND	ND	ND
Chromium	**10**	ND	5.13 JB	1.46 J	4.86 JB	1.77 JB	3.80 JB	5.02 JB	0.9 J	1.6 J	ND	6.9 B	ND	2.4 B
Lead	**15**	ND	9.96 J	3.62 J	8.51 J	5.06 J	3.74 JB	8.24 J	1.7 J	1.7 J	1.4 J	1.80	1.60	1.70
Mercury	**1**	ND	0.085 J	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**20**	ND	ND	ND	1.99 JB	3.11 JB	1.29 JB	ND	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	8.25 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	0.18 J	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	0.560 J	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/26/2012	10/3/2012
Well No: **MW-16**														
Arsenic	**10**	2.5 J	ND	1.86 J	ND	ND	4.76 JB	ND	ND	ND	ND	0.67 J	ND	0.41 J
Barium	**700**	58	19.9 JB	8.81 J	69.8 JB	31.1 JB	28.8 JB	16.3 JB	27.0	19 J	24.0	38.0	33.0	31.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND
Chromium	**10**	ND	2.66 JB	ND	3.07 JB	1.87 JB	3.99 JB	2.76 JB	1.0 J	1.5 J	ND	8.7 B	ND	2.5 B
Lead	**15**	ND	ND	ND	8.15 J	ND	4.74 JB	ND	1.1 J	ND	ND	0.66 J	0.41 J	0.55 J
Mercury	**1**	0.17 J	0.045 JB	ND	ND	0.114 J	ND	ND	ND	ND	0.092 J	0.17 J	ND	ND
Selenium	**20**	2.8 J	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	0.48 J	0.97 J	0.69 J
Silver	**20**	ND	1.42 JB	ND	1.66 JB	4.10 JB	1.85 JB	0.86 JB	ND	ND	ND	ND	ND	ND
Acetone	**6000**	ND	ND	ND	2.42 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	1.06 J	ND	ND	ND	ND	ND	ND
Dibromochloromethane	**0.4**	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	0.560 J	ND	ND	ND	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
Central Carolina Tire Monofill Landfill Phase III (Planned)
Harnett County, North Carolina
Permit # 43-04

Sampling Date:	2L Standard	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/27/2012	10/3/2012
Well No: **MW-17AR***														
Arsenic	**10**	4.1 J	2.13 JB	ND	ND	ND	5.63 J	ND	ND	ND	ND	ND	ND	ND
Barium	**700**	287	131 B	91.7 J	71.9 JB	89.5 JB	56.4 JB	68.6 JB	35.0	41.0	41.0	90.0	30.0	120.0
Cadmium	**2**	0.50 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
Chromium	**10**	ND	2.92 JB	1.76 J	2.47 JB	ND	3.90 JB	2.58 JB	ND	1.6 J	ND	4.90	ND	2.6 B
Lead	**15**	ND	ND	ND	5.88 J	ND	ND	ND	ND	ND	ND	1.00	1.30	1.70
Mercury	**1**	0.19 J	0.048 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76 J	0.72 J
Silver	**20**	ND	1.27 JB	ND	2.26 JB	4.19 JB	1.51 JB	0.84 JB	ND	ND	ND	ND	ND	ND
Bromoform	**4**	ND	ND	ND	ND	ND	ND	0.27 J	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	0.450 J	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**600**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58	ND	ND

Sampling Date:	2L Standard	10/18/2006	5/23/2007	10/24/2007	4/29/2008	10/15/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/26/2012	10/3/2012
Well No: **MW-18**														
Arsenic	**10**	3.9 J	ND	4.49 J	ND	ND	2.22 J	ND	ND	ND	ND	ND	0.34 J	0.60 J
Barium	**700**	65	28.5 JB	26.3 J	43.1 JB	43.8 JB	48.6 JB	48.4 JB	41.0	41.0	46.0	41.0	40.0	41.0
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND
Chromium	**10**	ND	2.66 JB	ND	2.32 JB	1.25 JB	3.90 JB	3.51 JB	ND	1.5 J	ND	4.70	ND	2.5 B
Lead	**15**	ND	ND	4.04 J	4.07 J	ND	6.38 JB	ND	0.96 J	2.3 J	ND	0.56 J	0.47 J	0.53 J
Mercury	**1**	0.16 J	0.047 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.67 J	0.75 J
Silver	**20**	ND	1.33 JB	ND	2.07 JB	3.72 JB	1.69 JB	0.95 JB	ND	ND	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	ND	0.910 J	ND	ND	ND	ND	ND	ND	ND	ND

Sampling Date:	2L Standard	10/18/2006	4/18/2007	10/24/2007	4/29/2008	10/14/2008	4/23/2009	10/14/2009	4/29/2010	10/19/2010	4/13/2011	10/5/2011	4/26/2012	10/3/2012
Well No: **SW-1(Exp)**														
Arsenic	**10**	ND	0.72 JB	4.32 J	ND	ND	1.96 J	ND	ND	ND	ND	0.79 J	0.23 J	ND
Barium	**700**	10 J	28.2 JB	36.2 J	44.4 JB	17.9 JB	21.7 JB	10.5 JB	12.00	9.5 J	13.00	33.00	21.00	21.00
Cadmium	**2**	ND	ND	ND	ND	ND	ND	ND	ND	0.2 J	ND	ND	0.31 J	ND
Chromium	**10**	ND	5.57 JB	1.61 J	1.73 JB	ND	2.71 JB	2.58 JB	ND	1.3 J	ND	8.30	ND	4.7 B
Lead	**15**	ND	3.24 J	4.88 J	6.43 J	ND	4.49 JB	ND	0.76 J	ND	0.83 J	7.50	0.95 J	0.44 J
Mercury	**1**	0.14 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND	ND
Selenium	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79 J	1.10	1.00
Silver	**20**	ND	ND	ND	2.53 JB	3.75 JB	1.66 JB	0.98 JB	ND	ND	ND	ND	0.22 J	ND
Styrene	**70**	ND	ND	0.260 J	ND	ND	ND	ND	ND	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

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.

* - Monitoring well MW-17 was abandoned on August 30, 2011 to make way for landfill expansion and was replaced by monitoring well MW-17AR located outside the expansion footprint.

APPENDIX A

Groundwater Sampling Forms

Well/Piezo ID: MW-13

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: P. SUNNY 85° Collector(s) JEFF LEAVER, RICH LANE

Date: 10/3/12
Time: Start 1400 am/pm
Finish 1445 am/pm

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

a. Total Well Length 20.50 c. Casing Material PVC e. Length of Water Column 8.37 (a-b)

b. Water Table Depth 12.13 d. Casing Diameter 2" f. Calculated Well Volume (see back) 1.36

WELL PURGING DATA

a. Purge Method _____ LOW FLOW 200 ml

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ well volumes) _____ N/A Pumping Rate: 200 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	513746
HACH	2100P	09120C00380

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	
1405	1000	23.3	4.62	31	5.74	12.20	clear	no	
1410	2000	22.7	4.75	25	5.10	12.20	clear	no	
1415	3000	22.7	4.75	23	4.58	12.22	clear	no	
1420	4000	22.8	4.77	21	4.62	12.22	clear	no	
1425	5000	22.6	4.80	21	4.68	12.22	clear	no	
1430	6000	22.7	4.81	20	4.63	12.22	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-MW13	VOA	3	HCL	8260	1435
4304-MW13	500 ml PLASTIC	1	HN03	RCRA METALS	1435

Comments

Signature Jeff Leaver Date 10/3/12

Well/Piezo ID: MW-14

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: P.SUNNY 82° Collector(s) JEFF LEAVOR, RICH LAWE

Date: 10/3/12
Time: Start 1238 am/pm
Finish 1325 am/pm

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

a. Total Well Length 12.50
b. Water Table Depth 7.38
c. Casing Material PVC
d. Casing Diameter 2"
e. Length of Water Column 5.12 (a-b)
f. Calculated Well Volume (see back) 0.83

WELL PURGING DATA

a. Purge Method LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ 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	513746
HACH	2100P	09120C00390

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	
1243	500	25.9	4.42	77	52.5	7.40	clear	no	
1248	1,000	24.4	4.38	73	48.5	7.40	clear	no	
1253	1,500	23.7	4.35	70	29.3	7.40	clear	no	
1258	2,000	23.6	4.34	69	12.2	7.40	clear	no	
1303	2,500	23.7	4.33	69	9.71	7.40	clear	no	
1308	3,000	23.7	4.33	68	8.34	7.40	clear	no	
1313	3,500	23.8	4.33	68	7.71	7.40	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-MW14	VOA	3	HCL	8260	1315
4304-MW14	500 ml PLASTIC	1	HN03	RCRA METALS	1315

Comments

Signature [signature] Date 10/3/12

Well/Piezo ID: MW-12

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: P. SUNNY 84° Collector(s) JEFF LEAVER

Date: 14/3 /12
Time: Start 1320 am/pm
Finish 1410 am/pm

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

a. Total Well Length 21.40 c. Casing Material PVC e. Length of Water Column 16.62 (a-b)

b. Water Table Depth 4.78 d. Casing Diameter 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 (@ _____ 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	513776
HACH	2100P	09120C00390

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	
1325	500	24.22	3.60	28	66.7	4.92	CLOUDY	NO	
1330	1,000	23.86	3.41	24	41.2	4.95	CLOUDY	NO	
1335	1,500	23.77	3.27	23	38.4	4.97	CLEAR	NO	
1340	2,000	23.74	3.19	23	36.0	4.99	CLEAR	NO	
1345	2,500	23.72	3.17	21	32.1	5.00	CLEAR	NO	
1350	3,000	23.70	3.15	21	29.7	5.02	CLEAR	NO	
1355	3,500	23.73	3.14	22	30.4	5.04	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- MW12	VOA	3	HCL	8260	1400
4304- MW12	500 ml PLASTIC	1	HN03	RCRA METALS	1400

Comments SMALL ORANGE PARTICLES IN SAMPLES

Signature Jeff Leaver Date 14/3 /12

Well/Piezo ID: MW-16

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Cloudy 85° Collector(s) JEFF LEAVER, RICH LANE

Date: 10/3/12
Time: Start 1130 am/pm
Finish 1220 am/pm

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

a. Total Well Length 28.26 c. Casing Material PVC e. Length of Water Column 7.48 (a-b)

b. Water Table Depth 20.78 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.2

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ well volumes) _____ N/A Pumping Rate: 200 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	513746
HACH	2100P	09120C00390

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	
1135	1,000	25.2	4.58	33	22.0	20.18	clear	no	
1140	2,000	22.4	4.52	29	7.93	20.80	clear	no	
1145	3,000	22.1	4.51	29	4.88	20.80	clear	no	
1150	4,000	22.0	4.52	28	4.42	20.80	clear	no	
1155	5,000	22.0	4.52	27	4.68	20.80	clear	no	
1200	6,000	22.3	4.51	27	4.31	20.80	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-MW16	VOA	3	HCL	8260	1203
4304-MW16	500 ml PLASTIC	1	HN03	RCRA METALS	1203

Comments

Signature Jeff Leaver Date 10/3/12

Well/Piezo ID: MW-18

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG — Date: 10/3 /12
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304 — Time: Start 1020 am/pm
Site Location: CAMERON, NC — Finish 1115 am/pm
Weather Conds: Cloudy 81° — Collector(s) JEFF LEAVER, RICH LANE

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

a. Total Well Length 15.20 c. Casing Material PVC e. Length of Water Column 5.57 (a-b)

b. Water Table Depth 9.63 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 0.90

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ well volumes) _____ N/A Pumping Rate: 150 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	513746
HACH	2100P	09120C00390

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	
1025	750	22.7	4.39	36	15.6	9.68	clear	no	
1030	1,500	22.8	4.43	33	11.6	9.68	clear	no	
1035	2,250	22.7	4.41	33	9.02	9.68	clear	no	
1040	3,000	23.6	4.43	32	7.40	9.68	clear	no	
1045	3,750	23.5	4.42	32	7.91	9.68	clear	no	
1050	4,500	23.6	4.43	32	7.72	9.68	clear	no	
1055	5,250	23.6	4.43	31	7.50	9.68	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- MW18	VOA	3	HCL	8260	1057
4304- MW18	500 ml PLASTIC	1	HN03	RCRA METALS	1057

Comments

Signature Jeff Leaver Date 10/3 /12

Well/Piezo ID: MW-11

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: CLOUDY 79° Collector(s) JEFF LEAVER

Date: 10/ 3 /12
Time: Start 0914 am/pm
Finish 1005 am/pm

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

a. Total Well Length 23.55 c. Casing Material PVC e. Length of Water Column 12.61 (a-b)

b. Water Table Depth 10.94 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.0

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ 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	513746
HACH	2100P	09120C00390

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	
0920	600	24.91	5.75	36	8.29	11.08	clear	no	
0925	1,100	21.35	4.73	30	9.55	11.08	clear	no	
0930	1,600	21.30	4.64	27	13.60	11.08	clear	no	
0935	2,100	21.54	4.58	25	12.80	11.08	clear	no	
0940	2,600	21.53	4.56	25	12.60	11.08	clear	no	
0945	3,100	21.59	4.56	24	8.96	11.08	clear	no	
0950	3,600	21.62	4.55	24	8.69	11.09	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-MW11	VOA	3	HCL	8260	0956
4304-MW11	500 ml PLASTIC	1	HN03	RCRA METALS	0956

Comments CRACKED WELL PAD

Signature Jeff Leaver Date 10/ 3 /12

Well/Piezo ID: MW-10

Ground Water Sample Collection Record

Client: BRIAN S. BOUTIN, PG
Project No: CENTRAL CAROLINA TIRE, PERMIT #4304
Site Location: CAMERON, NC
Weather Conds: Cloudy 77° Collector(s) JEFF LEAVER

Date: 10/3/12
Time: Start 0800 am/pm
Finish 0852 am/pm

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

a. Total Well Length 26.50 c. Casing Material PVC e. Length of Water Column 12.00 (a-b)

b. Water Table Depth 14.50 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 2.0

WELL PURGING DATA

a. Purge Method _____ LOW FLOW

b. Acceptance Criteria defined (from workplan)
- Minimum Required Purge Volume (@ _____ well volumes) _____ N/A Pumping Rate: 200 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	513776
HACH	2100P	09120C00890

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	
0805	1,000	22.04	5.42	449	8.11	14.61	CLEAR	NONE	
0810	2,000	21.90	5.53	444	6.94	14.63	CLEAR	NONE	
0815	3,000	22.15	5.46	441	6.63	14.64	CLEAR	NONE	
0820	4,000	22.21	5.41	441	5.27	14.65	CLEAR	NONE	
0825	5,000	22.24	5.40	440	5.04	14.65	CLEAR	NONE	
0830	6,000	22.26	5.39	440	5.00	14.66	CLEAR	NONE	
0835	7,000	22.29	5.39	440	4.56	14.66	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- MW10	VOA	3	HCL	8260	0840
4304- MW10	500 ml PLASTIC	1	HN03	RCRA METALS	0840

Comments

Signature Jeff Leaver Date 10/3/12

Well/Piezo ID: MW-17R

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; Collector(s) JEFF LEAVOR

Date: 10/ 3 /12
Time: Start 1500 am/pm
Finish 1550 am/pm

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

a. Total Well Length 20.40 c. Casing Material PVC e. Length of Water Column 8.18 (a-b)

b. Water Table Depth 12.22 d. Casing Diamete r 2" f. Calculated Well Volume (see back) 1.3

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: 200 ml/min.
- Maximum Allowable Turbidity N/A NTUs
- Stabilization of parameters 10 %

c. Field Testing Equipment Used:

Make	Model	Serial Number
OAKTON	PH/CON10	513776
HACH	2100P	09120C00390

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	
1505	INIT	22.07	4.73	65	669	12.24	white	None	
1510	2000	22.08	3.92	59	63	12.24	clear	None	
1515	3000	22.16	4.16	59	41	12.24	clear	none	
1520	4000	22.17	4.31	59	26	12.24	clear	none	
1525	5000	22.39	4.61	59	18	12.24	clear	none	
1530	6000	22.33	4.79	59	12	12.24	clear	none	
1535	7,000	22.35	4.77	59	9.06	12.24	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-MW17R	VOA	3	HCL	8260	1540
4304- MW17R	500 ml PLASTIC	1	HN03	RCRA METALS	1540

Comments _____

Signature Jeff Leavor Date 10/ 3 /12

APPENDIX B

Laboratory Reports
And
Chain-of-Custody Records

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 1287

Case Narrative

10/18/2012

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: 10/04/2012
Prism Work Order: 2100192

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:

B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
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.

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Sample Receipt Summary

10/18/2012

Prism Work Order: 2100192

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
4304-MW10	2100192-01	Water	10/03/12	10/04/12
4304-MW11	2100192-02	Water	10/03/12	10/04/12
4304-MW18	2100192-03	Water	10/03/12	10/04/12
4304-MW16	2100192-04	Water	10/03/12	10/04/12
4304-MW14	2100192-05	Water	10/03/12	10/04/12
4304-MW13	2100192-06	Water	10/03/12	10/04/12
4304-MW17R	2100192-07	Water	10/03/12	10/04/12
4304-MW12	2100192-08	Water	10/03/12	10/04/12
4304-SW1(EXP)	2100192-09	Water	10/03/12	10/04/12
4304-EB01	2100192-10	Water	10/03/12	10/04/12

Samples received in good condition at 4.1 degrees C unless otherwise noted.

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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

10/18/2012

Prism Work Order: 2100192

Prism ID	Client ID	Parameter	Method	Result		Units
2100192-01	4304-MW10	Arsenic	6020A	1.9		ug/L
2100192-01	4304-MW10	Barium	6020A	17		ug/L
2100192-01	4304-MW10	Chromium	6020A	2.7	B	ug/L
2100192-01	4304-MW10	Lead	6020A	0.28	J	ug/L
2100192-01	4304-MW10	Selenium	6020A	6.5		ug/L
2100192-01	4304-MW10	Silver	6020A	0.18	J	ug/L
2100192-02	4304-MW11	Barium	6020A	28		ug/L
2100192-02	4304-MW11	Chromium	6020A	2.8	B	ug/L
2100192-02	4304-MW11	Lead	6020A	0.38	J	ug/L
2100192-02	4304-MW11	Selenium	6020A	1.0		ug/L
2100192-03	4304-MW18	Arsenic	6020A	0.60	J	ug/L
2100192-03	4304-MW18	Barium	6020A	41		ug/L
2100192-03	4304-MW18	Chromium	6020A	2.5	B	ug/L
2100192-03	4304-MW18	Lead	6020A	0.53	J	ug/L
2100192-03	4304-MW18	Selenium	6020A	0.75	J	ug/L
2100192-04	4304-MW16	Arsenic	6020A	0.41	J	ug/L
2100192-04	4304-MW16	Barium	6020A	31		ug/L
2100192-04	4304-MW16	Chromium	6020A	2.5	B	ug/L
2100192-04	4304-MW16	Lead	6020A	0.55	J	ug/L
2100192-04	4304-MW16	Selenium	6020A	0.69	J	ug/L
2100192-05	4304-MW14	Arsenic	6020A	0.30	J	ug/L
2100192-05	4304-MW14	Barium	6020A	100		ug/L
2100192-05	4304-MW14	Chromium	6020A	2.4	B	ug/L
2100192-05	4304-MW14	Lead	6020A	1.7		ug/L
2100192-06	4304-MW13	Arsenic	6020A	0.60	J	ug/L
2100192-06	4304-MW13	Barium	6020A	6.0		ug/L
2100192-06	4304-MW13	Chromium	6020A	2.6	B	ug/L
2100192-06	4304-MW13	Lead	6020A	0.21	J	ug/L
2100192-07	4304-MW17R	Barium	6020A	120		ug/L
2100192-07	4304-MW17R	Cadmium	6020A	0.24	J	ug/L
2100192-07	4304-MW17R	Chromium	6020A	2.6	B	ug/L
2100192-07	4304-MW17R	Lead	6020A	1.7		ug/L
2100192-07	4304-MW17R	Selenium	6020A	0.72	J	ug/L
2100192-08	4304-MW12	Barium	6020A	13		ug/L
2100192-08	4304-MW12	Chromium	6020A	3.6	B	ug/L
2100192-08	4304-MW12	Lead	6020A	0.96	J	ug/L
2100192-09	4304-SW1(EXP)	Barium	6020A	21		ug/L
2100192-09	4304-SW1(EXP)	Chromium	6020A	4.7	B	ug/L
2100192-09	4304-SW1(EXP)	Lead	6020A	0.44	J	ug/L
2100192-09	4304-SW1(EXP)	Selenium	6020A	1.0		ug/L

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

10/18/2012

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-MW10
Prism Sample ID: 2100192-01
Prism Work Order: 2100192
Time Collected: 10/03/12 08:40
Time Submitted: 10/04/12 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**1.9**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:27**	**LTB**	**P2J0161**
Barium	**17**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 13:27**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 13:27	LTB	P2J0161
Chromium	**2.7 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:27**	**LTB**	**P2J0161**
Lead	**0.28 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 13:27**	**LTB**	**P2J0161**
Selenium	**6.5**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**10/8/12 13:27**	**LTB**	**P2J0161**
Silver	**0.18 J**	**ug/L**	**1.0**	**0.059**	**1**	**6020A**	**10/8/12 13:27**	**LTB**	**P2J0161**
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:28	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/8/12 22:29	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/8/12 22:29	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/8/12 22:29	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/8/12 22:29	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/8/12 22:29	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/8/12 22:29	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/8/12 22:29	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/8/12 22:29	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/8/12 22:29	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/8/12 22:29	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/8/12 22:29	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 22:29	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/8/12 22:29	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/8/12 22:29	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/8/12 22:29	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/8/12 22:29	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 22:29	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/8/12 22:29	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/8/12 22:29	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/8/12 22:29	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/8/12 22:29	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/8/12 22:29	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/8/12 22:29	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 22:29	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/8/12 22:29	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/8/12 22:29	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/8/12 22:29	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/8/12 22:29	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/8/12 22:29	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 22:29	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/8/12 22:29	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW10
Prism Sample ID: 2100192-01
Prism Work Order: 2100192
Time Collected: 10/03/12 08:40
Time Submitted: 10/04/12 16:45

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	10/8/12 22:29	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/8/12 22:29	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/8/12 22:29	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/8/12 22:29	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/8/12 22:29	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/8/12 22:29	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/8/12 22:29	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/8/12 22:29	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/8/12 22:29	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/8/12 22:29	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/8/12 22:29	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/8/12 22:29	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/8/12 22:29	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/8/12 22:29	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/8/12 22:29	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/8/12 22:29	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/8/12 22:29	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/8/12 22:29	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/8/12 22:29	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*104 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW11
Prism Sample ID: 2100192-02
Prism Work Order: 2100192
Time Collected: 10/03/12 09:56
Time Submitted: 10/04/12 16:45

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	10/8/12 13:31	LTB	P2J0161
Barium	**28**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 13:31**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 13:31	LTB	P2J0161
Chromium	**2.8 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:31**	**LTB**	**P2J0161**
Lead	**0.38 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 13:31**	**LTB**	**P2J0161**
Selenium	**1.0**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**10/8/12 13:31**	**LTB**	**P2J0161**
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 13:31	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:31	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/8/12 23:01	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/8/12 23:01	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/8/12 23:01	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/8/12 23:01	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/8/12 23:01	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/8/12 23:01	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/8/12 23:01	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/8/12 23:01	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/8/12 23:01	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/8/12 23:01	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/8/12 23:01	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:01	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/8/12 23:01	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/8/12 23:01	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/8/12 23:01	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/8/12 23:01	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:01	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/8/12 23:01	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/8/12 23:01	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/8/12 23:01	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/8/12 23:01	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/8/12 23:01	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/8/12 23:01	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:01	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/8/12 23:01	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/8/12 23:01	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/8/12 23:01	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/8/12 23:01	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/8/12 23:01	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:01	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/8/12 23:01	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW11
Prism Sample ID: 2100192-02
Prism Work Order: 2100192
Time Collected: 10/03/12 09:56
Time Submitted: 10/04/12 16:45

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	10/8/12 23:01	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/8/12 23:01	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/8/12 23:01	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/8/12 23:01	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/8/12 23:01	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/8/12 23:01	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/8/12 23:01	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/8/12 23:01	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/8/12 23:01	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/8/12 23:01	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/8/12 23:01	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/8/12 23:01	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/8/12 23:01	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/8/12 23:01	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/8/12 23:01	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/8/12 23:01	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/8/12 23:01	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/8/12 23:01	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/8/12 23:01	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*103 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW18
Prism Sample ID: 2100192-03
Prism Work Order: 2100192
Time Collected: 10/03/12 10:57
Time Submitted: 10/04/12 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.60 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:38**	**LTB**	**P2J0161**
Barium	**41**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 13:38**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 13:38	LTB	P2J0161
Chromium	**2.5 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:38**	**LTB**	**P2J0161**
Lead	**0.53 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 13:38**	**LTB**	**P2J0161**
Selenium	**0.75 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**10/8/12 13:38**	**LTB**	**P2J0161**
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 13:38	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:35	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/8/12 23:33	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/8/12 23:33	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/8/12 23:33	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/8/12 23:33	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/8/12 23:33	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/8/12 23:33	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/8/12 23:33	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/8/12 23:33	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/8/12 23:33	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/8/12 23:33	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/8/12 23:33	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:33	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/8/12 23:33	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/8/12 23:33	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/8/12 23:33	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/8/12 23:33	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:33	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/8/12 23:33	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/8/12 23:33	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/8/12 23:33	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/8/12 23:33	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/8/12 23:33	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/8/12 23:33	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:33	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/8/12 23:33	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/8/12 23:33	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/8/12 23:33	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/8/12 23:33	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/8/12 23:33	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/8/12 23:33	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/8/12 23:33	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW18
Prism Sample ID: 2100192-03
Prism Work Order: 2100192
Time Collected: 10/03/12 10:57
Time Submitted: 10/04/12 16:45

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	10/8/12 23:33	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/8/12 23:33	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/8/12 23:33	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/8/12 23:33	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/8/12 23:33	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/8/12 23:33	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/8/12 23:33	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/8/12 23:33	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/8/12 23:33	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/8/12 23:33	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/8/12 23:33	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/8/12 23:33	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/8/12 23:33	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/8/12 23:33	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/8/12 23:33	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/8/12 23:33	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/8/12 23:33	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/8/12 23:33	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/8/12 23:33	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*103 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW16
Prism Sample ID: 2100192-04
Prism Work Order: 2100192
Time Collected: 10/03/12 12:03
Time Submitted: 10/04/12 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.41 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:54**	**LTB**	**P2J0161**
Barium	**31**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 13:54**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 13:54	LTB	P2J0161
Chromium	**2.5 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:54**	**LTB**	**P2J0161**
Lead	**0.55 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 13:54**	**LTB**	**P2J0161**
Selenium	**0.69 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**10/8/12 13:54**	**LTB**	**P2J0161**
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 13:54	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:39	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/9/12 2:44	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/9/12 2:44	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/9/12 2:44	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/9/12 2:44	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/9/12 2:44	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/9/12 2:44	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/9/12 2:44	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/9/12 2:44	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 2:44	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 2:44	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 2:44	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 2:44	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/9/12 2:44	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/9/12 2:44	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/9/12 2:44	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/9/12 2:44	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 2:44	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/9/12 2:44	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/9/12 2:44	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/9/12 2:44	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/9/12 2:44	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 2:44	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/9/12 2:44	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 2:44	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/9/12 2:44	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/9/12 2:44	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 2:44	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/9/12 2:44	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/9/12 2:44	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 2:44	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/9/12 2:44	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW16
Prism Sample ID: 2100192-04
Prism Work Order: 2100192
Time Collected: 10/03/12 12:03
Time Submitted: 10/04/12 16:45

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	10/9/12 2:44	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/9/12 2:44	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/9/12 2:44	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/9/12 2:44	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/9/12 2:44	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/9/12 2:44	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/9/12 2:44	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/9/12 2:44	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/9/12 2:44	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/9/12 2:44	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/9/12 2:44	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 2:44	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/9/12 2:44	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/9/12 2:44	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/9/12 2:44	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/9/12 2:44	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/9/12 2:44	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/9/12 2:44	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/9/12 2:44	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW14
Prism Sample ID: 2100192-05
Prism Work Order: 2100192
Time Collected: 10/03/12 13:15
Time Submitted: 10/04/12 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.30 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:57**	**LTB**	**P2J0161**
Barium	**100**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 13:57**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 13:57	LTB	P2J0161
Chromium	**2.4 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 13:57**	**LTB**	**P2J0161**
Lead	**1.7**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 13:57**	**LTB**	**P2J0161**
Selenium	BRL	ug/L	1.0	0.44	1	6020A	10/8/12 13:57	LTB	P2J0161
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 13:57	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:43	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/9/12 3:16	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/9/12 3:16	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/9/12 3:16	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/9/12 3:16	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/9/12 3:16	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/9/12 3:16	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/9/12 3:16	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/9/12 3:16	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 3:16	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 3:16	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 3:16	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:16	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/9/12 3:16	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/9/12 3:16	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/9/12 3:16	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/9/12 3:16	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:16	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/9/12 3:16	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/9/12 3:16	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/9/12 3:16	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/9/12 3:16	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 3:16	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/9/12 3:16	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:16	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/9/12 3:16	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/9/12 3:16	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 3:16	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/9/12 3:16	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/9/12 3:16	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:16	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/9/12 3:16	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW14
Prism Sample ID: 2100192-05
Prism Work Order: 2100192
Time Collected: 10/03/12 13:15
Time Submitted: 10/04/12 16:45

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	10/9/12 3:16	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/9/12 3:16	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/9/12 3:16	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/9/12 3:16	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/9/12 3:16	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/9/12 3:16	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/9/12 3:16	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/9/12 3:16	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/9/12 3:16	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/9/12 3:16	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/9/12 3:16	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 3:16	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/9/12 3:16	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/9/12 3:16	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/9/12 3:16	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/9/12 3:16	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/9/12 3:16	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/9/12 3:16	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/9/12 3:16	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW13
Prism Sample ID: 2100192-06
Prism Work Order: 2100192
Time Collected: 10/03/12 14:35
Time Submitted: 10/04/12 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Arsenic	**0.60 J**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 14:01**	**LTB**	**P2J0161**
Barium	**6.0**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 14:01**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 14:01	LTB	P2J0161
Chromium	**2.6 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 14:01**	**LTB**	**P2J0161**
Lead	**0.21 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 14:01**	**LTB**	**P2J0161**
Selenium	BRL	ug/L	1.0	0.44	1	6020A	10/8/12 14:01	LTB	P2J0161
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 14:01	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:54	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/9/12 3:47	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/9/12 3:47	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/9/12 3:47	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/9/12 3:47	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/9/12 3:47	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/9/12 3:47	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/9/12 3:47	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/9/12 3:47	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 3:47	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 3:47	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 3:47	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:47	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/9/12 3:47	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/9/12 3:47	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/9/12 3:47	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/9/12 3:47	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:47	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/9/12 3:47	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/9/12 3:47	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/9/12 3:47	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/9/12 3:47	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 3:47	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/9/12 3:47	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:47	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/9/12 3:47	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/9/12 3:47	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 3:47	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/9/12 3:47	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/9/12 3:47	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 3:47	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/9/12 3:47	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW13
Prism Sample ID: 2100192-06
Prism Work Order: 2100192
Time Collected: 10/03/12 14:35
Time Submitted: 10/04/12 16:45

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	10/9/12 3:47	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/9/12 3:47	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/9/12 3:47	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/9/12 3:47	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/9/12 3:47	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/9/12 3:47	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/9/12 3:47	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/9/12 3:47	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/9/12 3:47	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/9/12 3:47	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/9/12 3:47	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 3:47	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/9/12 3:47	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/9/12 3:47	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/9/12 3:47	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/9/12 3:47	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/9/12 3:47	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/9/12 3:47	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/9/12 3:47	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*103 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW17R
Prism Sample ID: 2100192-07
Prism Work Order: 2100192
Time Collected: 10/03/12 15:40
Time Submitted: 10/04/12 16:45

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	10/8/12 14:05	LTB	P2J0161
Barium	**120**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 14:05**	**LTB**	**P2J0161**
Cadmium	**0.24 J**	**ug/L**	**1.0**	**0.20**	**1**	**6020A**	**10/8/12 14:05**	**LTB**	**P2J0161**
Chromium	**2.6 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 14:05**	**LTB**	**P2J0161**
Lead	**1.7**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 14:05**	**LTB**	**P2J0161**
Selenium	**0.72 J**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**10/8/12 14:05**	**LTB**	**P2J0161**
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 14:05	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 16:58	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/9/12 4:19	VHL	P2J0217
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/9/12 4:19	VHL	P2J0217
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/9/12 4:19	VHL	P2J0217
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/9/12 4:19	VHL	P2J0217
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/9/12 4:19	VHL	P2J0217
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/9/12 4:19	VHL	P2J0217
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/9/12 4:19	VHL	P2J0217
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/9/12 4:19	VHL	P2J0217
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 4:19	VHL	P2J0217
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 4:19	VHL	P2J0217
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 4:19	VHL	P2J0217
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 4:19	VHL	P2J0217
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/9/12 4:19	VHL	P2J0217
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/9/12 4:19	VHL	P2J0217
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/9/12 4:19	VHL	P2J0217
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/9/12 4:19	VHL	P2J0217
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 4:19	VHL	P2J0217
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/9/12 4:19	VHL	P2J0217
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/9/12 4:19	VHL	P2J0217
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/9/12 4:19	VHL	P2J0217
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/9/12 4:19	VHL	P2J0217
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 4:19	VHL	P2J0217
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/9/12 4:19	VHL	P2J0217
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 4:19	VHL	P2J0217
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/9/12 4:19	VHL	P2J0217
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/9/12 4:19	VHL	P2J0217
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 4:19	VHL	P2J0217
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/9/12 4:19	VHL	P2J0217
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/9/12 4:19	VHL	P2J0217
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 4:19	VHL	P2J0217
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/9/12 4:19	VHL	P2J0217

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW17R
Prism Sample ID: 2100192-07
Prism Work Order: 2100192
Time Collected: 10/03/12 15:40
Time Submitted: 10/04/12 16:45

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	10/9/12 4:19	VHL	P2J0217
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/9/12 4:19	VHL	P2J0217
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/9/12 4:19	VHL	P2J0217
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/9/12 4:19	VHL	P2J0217
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/9/12 4:19	VHL	P2J0217
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/9/12 4:19	VHL	P2J0217
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/9/12 4:19	VHL	P2J0217
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/9/12 4:19	VHL	P2J0217
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/9/12 4:19	VHL	P2J0217
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/9/12 4:19	VHL	P2J0217
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/9/12 4:19	VHL	P2J0217
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 4:19	VHL	P2J0217
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/9/12 4:19	VHL	P2J0217
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/9/12 4:19	VHL	P2J0217
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/9/12 4:19	VHL	P2J0217
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/9/12 4:19	VHL	P2J0217
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/9/12 4:19	VHL	P2J0217
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/9/12 4:19	VHL	P2J0217
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/9/12 4:19	VHL	P2J0217

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*105 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW12
Prism Sample ID: 2100192-08
Prism Work Order: 2100192
Time Collected: 10/03/12 14:00
Time Submitted: 10/04/12 16:45

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	10/8/12 14:09	LTB	P2J0161
Barium	**13**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 14:09**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 14:09	LTB	P2J0161
Chromium	**3.6 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 14:09**	**LTB**	**P2J0161**
Lead	**0.96 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 14:09**	**LTB**	**P2J0161**
Selenium	BRL	ug/L	1.0	0.44	1	6020A	10/8/12 14:09	LTB	P2J0161
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 14:09	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 17:02	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/9/12 16:02	VHL	P2J0245
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/9/12 16:02	VHL	P2J0245
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/9/12 16:02	VHL	P2J0245
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/9/12 16:02	VHL	P2J0245
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/9/12 16:02	VHL	P2J0245
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/9/12 16:02	VHL	P2J0245
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/9/12 16:02	VHL	P2J0245
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/9/12 16:02	VHL	P2J0245
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 16:02	VHL	P2J0245
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 16:02	VHL	P2J0245
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 16:02	VHL	P2J0245
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:02	VHL	P2J0245
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/9/12 16:02	VHL	P2J0245
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/9/12 16:02	VHL	P2J0245
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/9/12 16:02	VHL	P2J0245
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/9/12 16:02	VHL	P2J0245
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:02	VHL	P2J0245
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/9/12 16:02	VHL	P2J0245
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/9/12 16:02	VHL	P2J0245
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/9/12 16:02	VHL	P2J0245
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/9/12 16:02	VHL	P2J0245
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 16:02	VHL	P2J0245
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/9/12 16:02	VHL	P2J0245
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:02	VHL	P2J0245
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/9/12 16:02	VHL	P2J0245
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/9/12 16:02	VHL	P2J0245
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 16:02	VHL	P2J0245
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/9/12 16:02	VHL	P2J0245
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/9/12 16:02	VHL	P2J0245
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:02	VHL	P2J0245
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/9/12 16:02	VHL	P2J0245

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-MW12
Prism Sample ID: 2100192-08
Prism Work Order: 2100192
Time Collected: 10/03/12 14:00
Time Submitted: 10/04/12 16:45

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	10/9/12 16:02	VHL	P2J0245
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/9/12 16:02	VHL	P2J0245
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/9/12 16:02	VHL	P2J0245
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/9/12 16:02	VHL	P2J0245
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/9/12 16:02	VHL	P2J0245
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/9/12 16:02	VHL	P2J0245
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/9/12 16:02	VHL	P2J0245
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/9/12 16:02	VHL	P2J0245
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/9/12 16:02	VHL	P2J0245
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/9/12 16:02	VHL	P2J0245
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/9/12 16:02	VHL	P2J0245
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 16:02	VHL	P2J0245
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/9/12 16:02	VHL	P2J0245
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/9/12 16:02	VHL	P2J0245
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/9/12 16:02	VHL	P2J0245
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/9/12 16:02	VHL	P2J0245
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/9/12 16:02	VHL	P2J0245
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/9/12 16:02	VHL	P2J0245
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/9/12 16:02	VHL	P2J0245

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*109 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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-SW1(EXP)
Prism Sample ID: 2100192-09
Prism Work Order: 2100192
Time Collected: 10/03/12 14:30
Time Submitted: 10/04/12 16:45

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	10/8/12 14:13	LTB	P2J0161
Barium	**21**	**ug/L**	**5.0**	**0.19**	**1**	**6020A**	**10/8/12 14:13**	**LTB**	**P2J0161**
Cadmium	BRL	ug/L	1.0	0.20	1	6020A	10/8/12 14:13	LTB	P2J0161
Chromium	**4.7 B**	**ug/L**	**1.0**	**0.12**	**1**	**6020A**	**10/8/12 14:13**	**LTB**	**P2J0161**
Lead	**0.44 J**	**ug/L**	**1.0**	**0.13**	**1**	**6020A**	**10/8/12 14:13**	**LTB**	**P2J0161**
Selenium	**1.0**	**ug/L**	**1.0**	**0.44**	**1**	**6020A**	**10/8/12 14:13**	**LTB**	**P2J0161**
Silver	BRL	ug/L	1.0	0.059	1	6020A	10/8/12 14:13	LTB	P2J0161
Total Metals									
Mercury	BRL	ug/L	0.20	0.0070	1	7470A	10/12/12 17:06	MEH	P2J0274
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	10/9/12 16:34	VHL	P2J0245
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	10/9/12 16:34	VHL	P2J0245
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	10/9/12 16:34	VHL	P2J0245
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	10/9/12 16:34	VHL	P2J0245
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	10/9/12 16:34	VHL	P2J0245
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	10/9/12 16:34	VHL	P2J0245
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	10/9/12 16:34	VHL	P2J0245
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	10/9/12 16:34	VHL	P2J0245
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 16:34	VHL	P2J0245
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 16:34	VHL	P2J0245
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	10/9/12 16:34	VHL	P2J0245
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:34	VHL	P2J0245
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	10/9/12 16:34	VHL	P2J0245
Acetone	BRL	ug/L	5.0	0.62	1	8260B	10/9/12 16:34	VHL	P2J0245
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	10/9/12 16:34	VHL	P2J0245
Benzene	BRL	ug/L	0.50	0.072	1	8260B	10/9/12 16:34	VHL	P2J0245
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:34	VHL	P2J0245
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	10/9/12 16:34	VHL	P2J0245
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	10/9/12 16:34	VHL	P2J0245
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	10/9/12 16:34	VHL	P2J0245
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	10/9/12 16:34	VHL	P2J0245
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 16:34	VHL	P2J0245
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	10/9/12 16:34	VHL	P2J0245
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:34	VHL	P2J0245
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	10/9/12 16:34	VHL	P2J0245
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	10/9/12 16:34	VHL	P2J0245
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	10/9/12 16:34	VHL	P2J0245
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	10/9/12 16:34	VHL	P2J0245
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	10/9/12 16:34	VHL	P2J0245
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	10/9/12 16:34	VHL	P2J0245
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	10/9/12 16:34	VHL	P2J0245

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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(EXP)
Prism Sample ID: 2100192-09
Prism Work Order: 2100192
Time Collected: 10/03/12 14:30
Time Submitted: 10/04/12 16:45

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	10/9/12 16:34	VHL	P2J0245
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	10/9/12 16:34	VHL	P2J0245
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	10/9/12 16:34	VHL	P2J0245
Methyl Iodide	BRL	ug/L	5.0	0.45	1	8260B	10/9/12 16:34	VHL	P2J0245
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	10/9/12 16:34	VHL	P2J0245
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	10/9/12 16:34	VHL	P2J0245
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	10/9/12 16:34	VHL	P2J0245
Styrene	BRL	ug/L	0.50	0.047	1	8260B	10/9/12 16:34	VHL	P2J0245
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	10/9/12 16:34	VHL	P2J0245
Tetrahydrofuran	BRL	ug/L	10	1.5	1	8260B	10/9/12 16:34	VHL	P2J0245
Toluene	BRL	ug/L	0.50	0.042	1	8260B	10/9/12 16:34	VHL	P2J0245
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	10/9/12 16:34	VHL	P2J0245
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	10/9/12 16:34	VHL	P2J0245
trans-1,4-Dichloro-2-butene	BRL	ug/L	10	0.51	1	8260B	10/9/12 16:34	VHL	P2J0245
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	10/9/12 16:34	VHL	P2J0245
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	10/9/12 16:34	VHL	P2J0245
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	10/9/12 16:34	VHL	P2J0245
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	10/9/12 16:34	VHL	P2J0245
Xylenes, total	BRL	ug/L	3.0	0.13	1	8260B	10/9/12 16:34	VHL	P2J0245

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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: 2100192
Time Submitted: 10/4/2012 4:45:00PM

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 P2J0217 - 5030B										
Blank (P2J0217-BLK1)				Prepared & Analyzed: 10/08/12						
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							

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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: 2100192
Time Submitted: 10/4/2012 4:45:00PM

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 P2J0217 - 5030B										
Blank (P2J0217-BLK1)				Prepared & Analyzed: 10/08/12						
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	*25.9*		*ug/L*	*25.00*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*75-129*			
Surrogate: Toluene-d8	*24.8*		*ug/L*	*25.00*		*99*	*77-123*			
LCS (P2J0217-BS1)				Prepared & Analyzed: 10/08/12						
1,1-Dichloroethylene	18.0	0.50	ug/L	20.00		90	70-154			
Benzene	20.9	0.50	ug/L	20.00		104	77-128			
Chlorobenzene	20.0	0.50	ug/L	20.00		100	78-119			
Tetrahydrofuran	18.2	10	ug/L	20.00		91	70-130			
Toluene	20.4	0.50	ug/L	20.00		102	76-131			
Trichloroethylene	19.8	0.50	ug/L	20.00		99	77-133			
Surrogate: 4-Bromofluorobenzene	*25.0*		*ug/L*	*25.00*		*100*	*80-124*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/L*	*25.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*98*	*77-123*			
LCS Dup (P2J0217-BSD1)				Prepared & Analyzed: 10/08/12						
1,1-Dichloroethylene	21.0	0.50	ug/L	20.00		105	70-154	16	200	
Benzene	21.4	0.50	ug/L	20.00		107	77-128	3	200	
Chlorobenzene	20.4	0.50	ug/L	20.00		102	78-119	2	200	
Tetrahydrofuran	19.9	10	ug/L	20.00		100	70-130	9	200	
Toluene	21.4	0.50	ug/L	20.00		107	76-131	5	200	
Trichloroethylene	20.7	0.50	ug/L	20.00		103	77-133	5	200	
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/L*	*25.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.4*		*ug/L*	*25.00*		*98*	*77-123*			

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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: 2100192
Time Submitted: 10/4/2012 4:45:00PM

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 P2J0245 - 5030B										
Blank (P2J0245-BLK1)				Prepared & Analyzed: 10/09/12						
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							

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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: 2100192
Time Submitted: 10/4/2012 4:45:00PM

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 P2J0245 - 5030B										
Blank (P2J0245-BLK1)				Prepared & Analyzed: 10/09/12						
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	*26.3*		*ug/L*	*25.00*		*105*	*80-124*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/L*	*25.00*		*98*	*75-129*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*98*	*77-123*			
LCS (P2J0245-BS1)				Prepared & Analyzed: 10/09/12						
1,1-Dichloroethylene	22.5	0.50	ug/L	20.00		113	70-154			
Benzene	21.6	0.50	ug/L	20.00		108	77-128			
Chlorobenzene	20.4	0.50	ug/L	20.00		102	78-119			
Tetrahydrofuran	18.2	10	ug/L	20.00		91	70-130			
Toluene	21.4	0.50	ug/L	20.00		107	76-131			
Trichloroethylene	20.6	0.50	ug/L	20.00		103	77-133			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/L*	*25.00*		*98*	*80-124*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*99*	*77-123*			
LCS Dup (P2J0245-BSD1)				Prepared & Analyzed: 10/09/12						
1,1-Dichloroethylene	22.2	0.50	ug/L	20.00		111	70-154	1	200	
Benzene	22.5	0.50	ug/L	20.00		113	77-128	4	200	
Chlorobenzene	21.2	0.50	ug/L	20.00		106	78-119	4	200	
Tetrahydrofuran	19.7	10	ug/L	20.00		99	70-130	8	200	
Toluene	22.2	0.50	ug/L	20.00		111	76-131	4	200	
Trichloroethylene	21.3	0.50	ug/L	20.00		107	77-133	3	200	
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/L*	*25.00*		*99*	*80-124*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.2*		*ug/L*	*25.00*		*97*	*77-123*			

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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: 2100192
Time Submitted: 10/4/2012 4:45:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2J0274 - 7470A										
Blank (P2J0274-BLK1)				Prepared: 10/11/12	Analyzed: 10/12/12					
Mercury	BRL	0.20	ug/L							
LCS (P2J0274-BS1)				Prepared: 10/11/12	Analyzed: 10/12/12					
Mercury	9.48	0.20	ug/L	9.375		101	80-120			

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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: 2100192
Time Submitted: 10/4/2012 4:45:00PM

3030C Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2J0161 - SM3030 C										
Blank (P2J0161-BLK1)				Prepared: 10/05/12	Analyzed: 10/08/12					
Arsenic	BRL	1.0	ug/L							
Barium	0.204	5.0	ug/L							J
Cadmium	BRL	1.0	ug/L							
Chromium	3.10	1.0	ug/L							B
Lead	BRL	1.0	ug/L							
Selenium	BRL	1.0	ug/L							
Silver	BRL	1.0	ug/L							
LCS (P2J0161-BS1)				Prepared: 10/05/12	Analyzed: 10/08/12					
Arsenic	268	1.0	ug/L	250.0		107	80-120			
Barium	251	5.0	ug/L	250.0		100	80-120			
Cadmium	262	1.0	ug/L	250.0		105	80-120			
Chromium	261	1.0	ug/L	250.0		104	80-120			B
Lead	250	1.0	ug/L	250.0		100	80-120			
Selenium	281	1.0	ug/L	250.0		112	80-120			
Silver	255	1.0	ug/L	250.0		102	80-120			

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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 Extraction Data

Prep Method: SM3030 C

Lab Number	Batch	Initial	Final	Date/Time
2100192-01	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-02	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-03	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-04	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-05	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-06	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-07	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-08	P2J0161	50 mL	50 mL	10/05/12 11:30
2100192-09	P2J0161	50 mL	50 mL	10/05/12 11:30

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
2100192-01	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-02	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-03	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-04	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-05	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-06	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-07	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-08	P2J0274	20 mL	30 mL	10/11/12 13:15
2100192-09	P2J0274	20 mL	30 mL	10/11/12 13:15

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
2100192-01	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-02	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-03	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-04	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-05	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-06	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-07	P2J0217	10 mL	10 mL	10/08/12 9:26
2100192-08	P2J0245	10 mL	10 mL	10/09/12 9:57
2100192-09	P2J0245	10 mL	10 mL	10/09/12 9:57

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

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

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE ___ OF ___ QUOTE # TO ENSURE PROPER BILLING: ___

Client Company Name: NAUTILUS GEOLOGIC
Report To/Contact Name: BRIAN S. BOUTON
Reporting Address: 1112 BRANCHING IRON RD
WENDELL, NC 27591
Phone: 919-366-3663 Fax (Yes) (No): ___
Email (Yes) (No) Email Address ___
EDD Type: PDF___ Excel ___ Other ___
Site Location Name: CENTRAL CAROLINA LF
Site Location Physical Address: PERMIT #4304

Project Name: CENTRAL CAROLINA 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: NAUTILUS GEOLOGIC
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 4.1	✓		
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: APP. VOCs 8260	RCRA METALS 6010C					REMARKS	PRISM LAB ID NO.
4304-MW10	10/3/12	0840	GW	VOA/P	2/2/1	40/40/250	HCL/UP/HNO3	4	1						⌀1
4304-MW11		0956													⌀2
4304-MW18		1057													⌀3
4304-MW16		1203													⌀4
4304-MW14		1315													⌀5
4304-MW13		1435													⌀6
4304-MW17R		1540													⌀7
4304-MW12		1400													⌀8
4304-SW1 (EXP)		1430	SW												⌀9
~~4304-EB01~~			~~GW~~											See 2100191 Nag/PRISM	~~10~~

Sampler's Signature Jeff Leaver | Sampled By (Print Name) JEFF LEAVER | Affiliation EFM, INC.

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. 10-4-12

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
Jeff Leaver	David Moi 10-4-12 1305	10/4/12	1305
Relinquished By: (Signature) David Moi 10-4-12 1645	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date 10/4/12	1645

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. 210192

Additional Comments:

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

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)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL